InfluencEye API Documentation (V1)

Document revision: **April 1, 2020**
Support: **support@influenceye.com**

Contents

Document history

| Apr 1, 2020	- Method `searchAdvanced` now works not only for Instagram, but also for Youtube and Twitter - Parameter `period` was added to profiles methods (`findByUsername` and `findById`), so now you can request profile analytics for different periods

	● List of recentImages in profiles methods (`findByUsername` and `findById`) now has the same fields as `topPosts` and `topSponsoredPosts`
Mar 4, 2020	● New fields `topCitiesAggregated` and `locationShowNameAggregated` added -- small towns near bigger ones are merged into these bigger ones, e.g. all small towns near Athens will be attributed as Athens which can be useful for big agglomerations
Feb 4, 2020	● New search method `searchAdvanced` added with many filters
Dec 10, 2019	● Gender-age distribution was added for Instagram and now is available in `audienceGenderAge` object
Nov 14, 2019	● Search API response now has basic information about influencers, not just list of IDs
July 15, 2019	**Note:** No new methods, but the data has changed. ● Audience data updates 　○ `audienceAge` structure changed 　○ in addition to `audienceLanguages` (languages by followers bios) two new objects added -- `commentsLanguages` (languages by comments) and `mergedAudienceCommentsLanguages` (combination of the two) 　○ `countryCode` added to `countries` object ● Separate statistics for Instagram photos and videos 　○ Instagram statistics now can be examined separately by all posts, images posts only and video posts only (see new `contentStatistics` object) 　○ Same for posts dynamics (see new `imageDynamics` and `videoDynamics` objects) 　○ You can also see number of Instagram photo posts and videos posts in `contentType` (it worked only for Twitter earlier) 　○ Number of Instagram photo posts, video posts and views per video posts can be found in `imagesTotalPosts`, `videoTotalPosts`, `videoViewsPerPost` respectively ● Posting frequency 　○ In addition to `mediaCount` (total number of posts) we added `mediaCountPerPeriod` (number of posts per last 6 months, on UI one cad choose different periods) and `postsFrequency` (frequency of posting per 6 months) ● Median values

	○ Median values for engagement rate, video views, likes, dislikes, comments added (see `engagementRateMedian`, `likesMedian`, `dislikesviewsMedian`, `commentsMedian`) ● Business accounts for Instagram ○ You can find whether this is a business Instagram account by checking `isBusinessAccount` (in `businessCategoryName` you'll find business category of that account)
June 17, 2019	● Method /profile/forceUpdateByUsername added ● Description for method /profile/forceUpdateById updated ● Methods /profile/statusById and /profile/statusByUsername added
April 26, 2019	● Search API added
April 11, 2019	● Profile API added (initial release)

Description

InfluencEye API provides discovery and analytics for social accounts on Instagram, Youtube, Twitter, and Twitch. There are about 10M+ analyzed accounts in our database.

Each InfluencEye user can easily get free API access. Just go to **Settings > API** screen and click on "Get API access". You'll instantly get 20 searches, 20 profiles and 20 'force updates' (imports of new accounts) for free. Note that you can do recurrent calls to these 20 profiles without a charge during next 365 days.
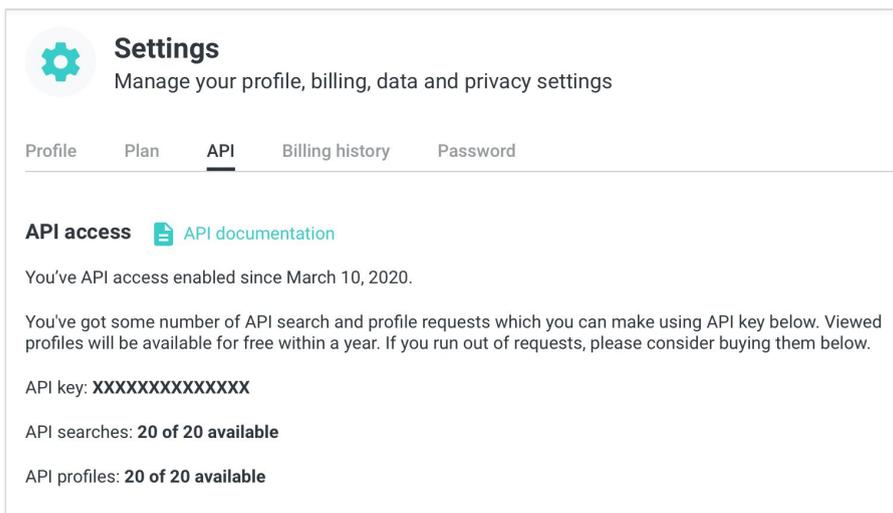
If you already got an API key from InData Labs website, just register at https://influenceye.com with the same Email address and you'll access your API key and manage your current API quota on **Settings > API** screen.

If you'd like to buy more API requests, you can also do it there. We support major Credit Cards for payments under $5000. For bigger or splitted amounts we support Bank Transfer.

Analytics API

Analytics API and Discovery API have separate limits and are tracked differently.

Price for Analytics API is determined by the following parameters:
- number of profiles (the more you buy, the cheaper is the price per profile)
- refresh rate (by default, we aim to update profiles once per month, but we additionally offer weekly / daily updates)

You can use API profiles you bought within 12 months, e.g. recurrent calls to the same profiles will be free next 365 days.

You can pay for profiles either upfront or by parts. In the latter case, you get the number of profiles corresponding to the amount of your payment. So if you buy 5000 profiles and split payments in 4 months, you'll get 1250 profiles every month.

With each number of profiles bought you get the same amount of 'force updates' calls for free. 'Force updates' can be used either for importing missing accounts or refreshing existing ones. You can purchase more 'force updates' separately.

Discovery API

Price for Discovery API is only determined by number of searches you buy.

Each search request can be performed using a free-text keyword or brand name or @username or #hashtag to search across influencer bios. The results can be narrowed using 16 influencer and audience filters.

Search results return basic profile information of up to 50 relevant accounts and can be sorted by relevance, number of followers or engagement rate. Maximum number of search results is limited to 10 000.

API Quota and Limits

To check your current quota please use free /status method. It will show you the number of searches made, profiles viewed and 'force updates' done.

Rate limit of Analytics API and Discovery API is 40 requests per minute.

API Requests

The API can be accessed over HTTPS, with data returned in JSON format. Discovery API supports POST requests (search filters are part of request). Search suggestions, analytics API and status API support GET requests (you pass all parameters as query parameters).

The base URL is

`https://app.influenceye.com/api/v1`

The following methods are supported:

- Search among millions of accounts using -- simple and advanced versions

  `https://app.influenceye.com/api/v1/search`
  `https://app.influenceye.com/api/v1/searchAdvanced`

- Get search suggestions from our dictionaries of locations, languages, etc

  `https://app.influenceye.com/api/v1/searchAdvanced/getSuggestions`

- Get profile analytics by platform/channel ID or username

  `https://app.influenceye.com/api/v1/profile/findById`
  `https://app.influenceye.com/api/v1/profile/findByUsername`

- Import new profile or refresh profile immediately by platform/channel ID or username

  `https://app.influenceye.com/api/v1/profile/forceUpdateById`
  `https://app.influenceye.com/api/v1/profile/forceUpdateByUsername`

- Get profile's last updated time by platform/channel ID or username

  `https://app.influenceye.com/api/v1/profile/statusById`
  `https://app.influenceye.com/api/v1/profile/statusByUsername`

- Get API status and quota

  `https://app.influenceye.com/api/v1/status`

API Authentication

Each API request must have **`apiKey`** parameter added, e.g.

`https://app.influenceye.com/api/v1/status?apiKey=xxx`

Otherwise, you'll get Forbidden 403 response. Parameter **`apiKey`** is given to each API client and must be kept in secret.

Error handling

In case of an error, the response is 4xx/5xx of the following JSON format:

```
{
  "error": "Error message."
}
```

List of validated errors:

Error message	Status	Description
Missing parameter 'apiKey'	**400**	API key is missing
Invalid path: /api/v1/xxx	**400**	Unsupported API method
Method 'GET' is not supported. Supports only [POST]'	**400**	You must make request using POST (search API only)
Method 'GET' is not supported. Supports only [POST]'	**400**	You must make request using GET (profile API only)
JSON parse error	**400**	JSON with input parameters has invalid parameters or invalid format (search API only)
Unknown parameter name 'aaa'	**400**	Parameter with name 'aaa' is not suported'
Parameter 'aaa' has invalid value 'xxx'	**400**	Invalid query parameter
Invalid API key	**403**	API key is unknown or blocked
Quota limit has been reached	**403**	Your quota limit has been reached, so you are not able to request or update *new* profiles until the end of period
No profile with id/username=xxx	**404**	Account or channel doesn't exist in the InfluencEye database
Server error. Try again later.	**500**	Server error

API Methods

Method /search

Method `/search` allows you to search and filter influencer profiles. It supports less filters than [`/searchAdvanced`](#) method.

The method URL

      `https://app.influenceye.com/api/v1/search?apiKey=xxx`

This method must be called using POST and have header `Content-Type: application/json`. All parameters except `apiKey` must be passed as JSON:

```
{
"network": "twitter",
"location": [{
    "country": "US",
    "subdivision": "00",
    "city": "United States",
    "showName": "United States",
    "featureCode": "PCLI"
  }],
"gender": "male",
"language": ["en"],
"verified": false,
"haveSensitiveContent": true,
"engagementsPerPost": {"from": 500, "to": null},
"followers": {"from": 10000, "to": null},
"audienceLocation": ["US"],
"audienceGender": "male",
"audienceLanguage": ["en"],
"page": 4
}
```

The following parameters are supported:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: • `instagram` • `youtube` • `twitter` • `twitch`
query	No	Search query, e.g. `beauty` or `food+photographer`

location		Find influencers from specific locations. This can be either city or US state or country. **Note:** Please use extra method getSuggestions to insert location correctly.
verified	No	Filter for verified accounts (`true/false`), default value is `false` (Instagram and Twitter only)
haveSensitiveContent	No	Show accounts with possibly sensitive content, e.g. violence or nudity (Twitter only).
gender	No	Filter for influencer's gender (`male/female`). Since gender is predicted, it may be inaccurate for some accounts, so please use it with caution.
language	No	Find influencers with specified language codes, e.g. `["en","fr"]` **Note:** Please use extra method getSuggestions to get a list of language codes.
engagementsPerPost	No	Filter for average engagements (likes+comments) defined as `from/to` range (`null` is used for no limit): • `{"from": 5000, "to": 10000}` • `{"from": null, "to": 5000}` • `{"from": 5000, "to": null}`
followers	No	Number of influencer followers, defined as `from/to` range (`null` is used for no limit): • `{"from": 10000, "to": 100000}` • `{"from": null, "to": 50000}` • `{"from": 50000, "to": null}`
audienceLocation	No	This filter contains list of ISO country codes, e.g. for `["us", "ca"]` it will show influencers with primary audience either from the US, or Canada
audienceGender	No	Primary audience gender, e.g. `male/female`
audienceLanguage	No	This filter contains list of ISO language codes, e.g. for `["en"]` it will show influencers whose audience primary language is english
page	No	Each search request returns up to 50 profiles, so using `page` parameter you can navigate through the whole list (`page=1` is default value)

Response is

```
200 OK
```

```
{
"count": 9,
"page": 1,
"total": 9,
"network": "instagram",
"profiles": [
  {
      "id": "1542453360",
      "userName": "shroud",
      "fullName": "Michael Grzesiek",
      "link": "https://www.twitter.com/shroud",
      "picture": "http://pbs.twimg.com/profile...",
      "verified": true,
      "locationShowName": "United States",
      "generalStatistics": {
        "engagementRate": 0.15494203,
        "engagementRateLevel": 77.2277227723,
        "mediaCount": 7555,
        "mediaCountPerPeriod": 294
      },
      "audienceStatistics": {
        "followers": 1448929,
        "following": 755
      }
  }
  ...
]
```

Description:

- `count` — number of returned profiles (max number is 50, use page to navigate through the list)
- `page=1,2,3,..` — page number starting from 1 with max 50 profiles per page
- `total` — total number of relevant profiles
- `profiles` — list of profiles
  - `id` — channel ID for Youtube (UC-IHJZR3Gqxm24_Vd_AJ5Yw for PewDiePie's channel) or internal platform ID for other platforms:
    - 25025320 for instagram account
    - 12 for Jack Dorsey twitter
    - 19571641 for ninja account on Twitch
  - `userName` — Username (Youtube) or @username (Instagram, Twitter, Twitch)
  - `fullName` — Channel name (Youtube) or user full name (Instagram, Twitter, Twitch)
  - `link` — profile link
  - `picture` — avatar image URL
  - `verified` — whether this is verified account on Instagram/Twitter or not (Instagram and Twitter only)
  - `isBusinessAccount` — whether this is business account in Instagram or not (Instagram only)
  - `locationShowName` — influencer location in readable form
  - `generalStatistics`
    - `engagementRate` — engagement rate for the last 6 months

- **engagementRateLevel** — percentile of engagement rate level, e.g. value 65 means that this influencer is better than 65% of similar influencers by number of followers
- **mediaCount** — total number of posts
- **mediaCountPerPeriod** — number of posts for the last 6 months
  - **audienceStatistics**
    - **followers** — number of followers (subscribers)
    - **following** — number of followings (Instagram and Twitter only)

Method /searchAdvanced

Method **/searchAdvanced** allows you to search and filter influencer profiles. It supports more filters than **/search** method.

The method URL

https://app.influenceye.com/api/v1/searchAdvanced?apiKey=xxx

This method must be called using POST and have header `Content-Type: application/json`. All parameters except `apiKey` must be passed as JSON:

```
{
"network": "instagram",
"query": "beauty+photographer",
"sortBy": "followers",
"location": [{
    "country": "US",
    "subdivision": "00",
    "city": "United States",
    "showName": "United States",
    "featureCode": "PCLI"
  }],
"verified": true,
"isBusinessAccount": true,
"contacts": ["email"],
"language": ["en"],
"categories": ["photography"],
"gender": ["female"],
"postingFrequency": ["day"],
"engagementsPerPost": {"from": 500, "to": null},
"viewsPerVideo": {"from": 5000, "to": null},
"followers": {"from": 10000, "to": null},
"audienceLocation": [{
    "country": "US",
    "subdivision": "00",
    "city": "United States",
    "showName": "United States",
    "featureCode": "PCLI"
  }],
"audienceGender": "male",
"audienceCategories": ["photo and video"],
```

```
"audienceLanguage": ["en"],
"page": 4
}
```

The following parameters are supported:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: ● `instagram` ● `youtube` ● `twitter`
sortBy	No	Sorting of results: ● `default` -- by relevance (default) ● `followers` -- by number of followers (high to low) ● `er` -- by engagement rate (high to low)
page	No	Each search request returns up to 50 profiles, so using `page` parameter you can navigate through the whole list (`page=1` is default value)
query	No	Search query, e.g. `beauty` or `food+photographer`
location		Find influencers from specific locations. This can be either city or US state or country. **Note:** Please use extra method [getSuggestions](#) to insert location correctly.
verified	No	Filter for verified accounts (`true`/`false`), default value is `false` (Instagram and Twitter only)
isBusinessAccount	No	Filter for Instagram business accounts (`true`/`false`), default value is `false` (Instagram only)
haveSensitiveContent	No	Show accounts with possibly sensitive content, e.g. violence or nudity (Twitter only).
contacts	No	Find influencers who have specific contact information (`["email","phone","socialAccounts","website"]`)
language	No	Find influencers with specified language codes, e.g. `["en","fr"]` **Note:** Please use extra method [getSuggestions](#) to get a list of language codes.
categories	No	Find influencers with specified categories.

		List of Instagram and Twitter categories:
		`["artists", "actors", "arts", "books", "diy", "graphics", "theater", "auto", "moto", "luxury cars", "bags", "beauty", "beauty services", "cosmetics", "fashion", "fashion blogger", "jewelry", "luxury", "modeling", "shoes", "shopping", "tattoo", "blogger", "consulting", "finance", "law", "management", "marketing", "media", "public relations", "real estate", "design", "anime", "comics", "disney", "entertainment", "humor", "movies", "radio", "tv", "cooking", "drinks", "food", "food blogger", "recipes", "sweets", "gaming", "fitness", "health", "medicine", "kids", "parenting", "events", "hobby", "lifestyle", "relationships", "dancing", "electronic music", "music", "musician", "rock music", "animals", "pets", "photography", "video", "education", "language", "philosophy", "science", "activism", "beliefs", "environment", "military", "politics", "religion", "summer sports", "sports", "winter sports", "extreme sports", "martial arts", "wrestling", "cheerleading", "apple", "ecommerce", "gadgets", "internet", "software", "sony", "technology", "coaching", "training", "travel"]`    List of Youtube categories:   `["Film & Animation", "Autos & Vehicles", "Music", "Pets & Animals", "Sports", "Short Movies", "Travel & Events", "Gaming", "Videoblogging", "People & Blogs", "Comedy", "Entertainment", "News & Politics", "Howto & Style", "Education", "Science & Technology", "Nonprofits & Activism", "Movies", "Anime & Animation", "Action & Adventure", "Classics", "Comedy", "Documentary", "Drama", "Family", "Foreign", "Horror", "Sci-Fi & Fantasy", "Thriller", "Shorts", "Shows", "Trailers"]`
gender	No	Filter for influencer's gender (`male`/`female`). Since gender is predicted, it may be inaccurate for some accounts, so please use it with caution.
postingFrequency	No	Find accounts with specified posting frequency, e.g.

		["day", "week", "month", "3months", "6months", "year"]
		• `day` -- posts daily • `week` -- posts weekly, not daily • `month` -- posts monthly, not weekly • `3months` -- posts each 3 months • `6months` -- posts each 6 months • `year` -- posts less often than each 6 months
engagementsPerPost	No	Filter for average engagements (likes+comments) defined as `from`/`to` range (`null` is used for no limit): • `{"from": 5000, "to": 10000}` • `{"from": null, "to": 5000}` • `{"from": 5000, "to": null}`
viewsPerVideo	No	Filter for number of average video posts views defined as `from`/`to` range (`null` is used for no limit): • `{"from": 5000, "to": 10000}` • `{"from": null, "to": 5000}` • `{"from": 5000, "to": null}` Instagram and Youtube only.
followers	No	Number of influencer followers, defined as `from`/`to` range (`null` is used for no limit): • `{"from": 10000, "to": 100000}` • `{"from": null, "to": 50000}` • `{"from": 50000, "to": null}`
audienceLocation	No	Find influencers whose primary audience comes from listed countries. **Note:** Please use extra method getSuggestions to insert country correctly.
audienceGender	No	Find influencers whose primary audience gender is `male`/`female`
audienceCategories		Find influencers whose audience has specified interests. Below is the full list of supported categories: ["arts", "auto", "beauty and fashion", "business", "design", "entertainment", "food and drink", "gaming", "health and fitness", "kids and parenting", "lifestyle", "music", "pets and animals", "photo and video", "science and education", "society and politics", "sports", "technology", "training and coaching", "travel"]
audienceLanguage	No	Find influencers with specified primary audience language codes, e.g. ["en","fr"]

Response is

```
200 OK
```

```json
{
  "count": 1,
  "page": 1,
  "total": 1,
  "network": "instagram",
  "profiles": [
    {
      "id": "470989603",
      "userName": "vikingsphotog",
      "fullName": "Andy Kenutis",
      "link": "https://www.instagram.com/vikingsphotog",
      "picture": "https://instagram.fadb2-2.fna.fbcdn.net/vp/e8...cdn.net",
      "verified": true,
      "isBusinessAccount": true,
      "locationShowName": "Minneapolis, MN, United States",
      "generalStatistics": {
        "engagementRate": 1.8272452099999998,
        "engagementRateLevel": 45.5445544554,
        "mediaCount": 4330,
        "mediaCountPerPeriod": 344,
        "engagementsPerPost": 1129.0,
        "viewsPerVideo": 8548.0
      },
      "audienceStatistics": {
        "followers": 61787,
        "following": 1358,
        "followersGrowthRate": 0.0
      },
      "recentImages": [
        {
          "id": "2235993916763418026",
          "created": 1580771367000,
          "type": "GraphVideo",
          "link": "https://www.instagram.com/p/B5LtIr_JGTr/",
          "imageUrl": "https://scontent-dfw5-1.cdninstagram.com..7DC64",
          "likes": 1333,
          "comments": 5
        },
        ...
      ],
      "categories": [
        "Photo and Video",
        "Photography"
      ]
```

```
      }
   ]
}
```

Description:

- `count` — number of returned profiles (max number is 50, use page to navigate through the list)
- `page=1,2,3,..` — page number starting from 1 with max 50 profiles per page
- `total` — total number of relevant profiles
- `network` — social platform (currently only Instagram is supported)
- `profiles` — list of profiles
  - `id` — channel ID for Youtube (UC-lHJZR3Gqxm24_Vd_AJ5Yw for [PewDiePie's channel](#)) or internal platform ID for other platforms:
    - 25025320 for [instagram](#) account
    - 12 for [Jack Dorsey](#) twitter
    - 19571641 for [ninja](#) account on Twitch
  - `userName` — Username (Youtube) or @username (Instagram, Twitter, Twitch)
  - `fullName` — Channel name (Youtube) or user full name (Instagram, Twitter, Twitch)
  - `link` — profile link
  - `picture` — avatar image URL
  - `verified` — whether this is verified account on Instagram/Twitter or not (Instagram and Twitter only)
  - `isBusinessAccount` — whether this is business account in Instagram or not (Instagram only)
  - `locationShowName` — influencer location in readable form
  - `categories` — list of influencer's categories/interests
  - `generalStatistics`
    - `engagementRate` — engagement rate for the last 6 months
    - `engagementRateLevel` — percentile of engagement rate level, e.g. value 65 means that this influencer is better than 65% of similar influencers by number of followers
    - `mediaCount` — total number of posts
    - `mediaCountPerPeriod` — number of posts for the last 6 months
    - `engagementsPerPost` — average number of engagements (likes+comments for Instagram, likes+dislikes+comments for Youtube, likes+retweets for Twitter) per post for the last 6 months
    - `viewsPerVideo` — average number of views per video post for the last 6 months (Instagram and Youtube only)
  - `audienceStatistics`
    - `followers` — number of followers (subscribers)
    - `following` — number of followings (`null` for Youtube)
    - `followersGrowthRate` — followers growth for the last 30 days (percentage)
  - `recentImages` -- list of recent influencer's posts
    - `id` — post ID
    - `created` — post creation timestamp
    - `link` — post URL
    - `imageUrl` — post image URL

- ■ `type` — post type (Instagram and Twitter only)
- ■ `description` — post caption (Twitter only)
- ■ `views` — number of video views (Instagram and Youtube only)
- ■ `likes` — number of likes
- ■ `dislikes` — number of dislikes (Youtube only)
- ■ `comments` — number of comments (Instagram and Youtube only)
- ■ `retweets` — number of retweets (Twitter only)
- ■ `possibleSensitive` — whether tweet has possibly sensitive content, e.g. violence or nudity (Twitter only)

Search dictionaries (locations, languages)

Some search filters may have hundreds or thousands of values, so we created a special API method to retrieve them. This method can be used to get a list of suggestions in the search/filter boxes on your user interface.

The method URL

`https://app.influenceye.com/api/v1/searchAdvanced/getSuggestions?apiKey=xxx`

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
query	Yes	Text query, e.g. `"uni"` to find United States
suggestionType	Yes	Suggestions type: ● `LOCATIONS` — influencer locations (cities, US states, countries) ● `COUNTRIES` — audience countries ● `LANGUAGES` — influencer/audience languages
network	No	Platform parameter is used in pair with `LOCATIONS` only, since Instagram and Twitter support countries, states, and cities, but Youtube supports only countries. Values: ● `instagram` ● `youtube` ● `twitter`

Response is different per each `suggestionType`:

LOCATIONS: insert `{...}` object "as is" as a value in `location` filter. Please note that parameter network must be passed since Instagram and Twitter support countries, states, and cities, but Youtube supports only countries.

```
200 OK
```

```
[
{
    "country": "US",
    "subdivision": "MN",
    "city": "Minnesota",
    "showName": "Minnesota, United States",
    "featureCode": "ADM1"
  },
  ...
]
```

COUNTRIES: insert `{...}` object "as is" as a value in `audienceLocation` filter

```
200 OK
```

```
[
  {
    "country": "DE",
    "subdivision": "00",
    "city": "Federal Republic of Germany",
    "showName": "Germany",
    "featureCode": "PCLI"
  },
  ...
]
```

LANGUAGES: use language `code` as a value in `language/audienceLanguage` filters

```
200 OK
```

```
[
  {
    "code": "de",
    "name": "German"
  },
  ...
]
```

Method /profile/findById

Method **/profile/findById** provides access to profile stats and audience data by channel ID (Youtube) or internal platform ID (Instagram, Twitter, Twitch).

Note: Get profile analytics by @username using method **/profile/findByUsername**

The method URL

```
https://app.influenceye.com/api/v1/profile/findById?apiKey=xxx
```

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: • `instagram` • `youtube` • `twitter` • `twitch`
id	Yes	Channel ID for Youtube, e.g. UC-lHJZR3Gqxm24_Vd_AJ5Yw for [PewDiePie's channel](#) Internal platform ID for other platforms: • 25025320 for [instagram](#) account • 12 for [Jack Dorsey](#) twitter • 19571641 for [ninja](#) account on Twitch
period	No	Period for performance stats calculation: • `week` – last 7 days • `month` – last 30 days • `3months` – last 90 days • `6months` – last 180 days (default) • `year` – last 365 days • `all` – all time

Response is

```
200 OK
```

```
{
"id": "UCC9OUrOsnXyDAN0bBDHL7KA",
"categories": ...
}
```

See all response parameters in [Appendix](#).

Method /profile/findByUsername

Method **/profile/findByUsername** provides access to profile stats and audience data by @username (only for Instagram, Twitter, and Twitch).

Note: Get profile analytics by Youtube channel ID or internal platform ID (Instagram, Twitter, Twitch) using method **/profile/findById**

The method URL

```
https://app.influenceye.com/api/v1/profile/findByUsername?apiKey=xxx
```

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: ● `instagram` ● `twitter` ● `twitch` **Note:** This method doesn't support Youtube. Use `/profile/findById` instead
username	Yes	Profile's username: ● davidbeckham for https://www.instagram.com/davidbeckham/ ● katyperry for https://twitter.com/katyperry ● shroud for https://www.twitch.tv/shroud
period	No	Period for performance stats calculation: ● `week` – last 7 days ● `month` – last 30 days ● `3months` – last 90 days ● `6months` – last 180 days (default) ● `year` – last 365 days ● `all` – all time

Response is

```
200 OK
```

```
{
"id": "UCC9OUrOsnXyDAN0bBDHL7KA",
"categories": ...
}
```

See all response parameters in Appendix.

Method /profile/forceUpdateById

If you're not satisfied with the time of profile's last update, you may use `/profile/forceUpdateById` to send it for immediate update. Also with this method you can import a profile which is missing on the platform.

Note: This method works with channel ID (Youtube) or internal platform ID (Instagram, Twitter, Twitch). To update/import profiles using @username, please use method **/profile/forceUpdateByUsername**

> **Important:** Please don't use 'force updates' for weekly or daily profiles refreshes. It was designed to import new accounts or refresh those which were updated long ago. We offer weekly / daily updates as an additional option (and it's cheaper than 'force updates').

The time of profile last update is returned as timestamp in `lastUpdatedTime` parameter of profile analytics response:

```
{
  ...
  "lastUpdatedTime": 1543660228000,
  ...
}
```

The method URL

https://app.influenceye.com/api/v1/profile/forceUpdateById?apiKey=xxx

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: ● `instagram` ● `youtube` ● `twitter` ● `twitch`
id	Yes	Channel ID for Youtube, e.g. UC-lHJZR3Gqxm24_Vd_AJ5Yw for [PewDiePie's channel](#) Internal platform ID for other platforms: ● 25025320 for [instagram](#) account ● 12 for [Jack Dorsey](#) twitter ● 19571641 for [ninja](#) account on Twitch

Response is

```
200 OK
```

```
{
  "status": "success",
```

```
  "message": "User added to update queue. Wait 10-15 minutes before getting
result"
}
```

Profile will be sent to update/import queue only if you have enough quota per current period.

Method /profile/forceUpdateByUsername

If you're not satisfied with the time of profile last update, you may use
/profile/forceUpdateByUsername to send it for immediate update. Also with this method
you can import a profile which is missing on the platform.

Note: This method works with @username (Instagram, Twitter, Twitch). To update/import Youtube
profiles using channel ID, please use method **/profile/forceUpdateById**

> **Important:** Please don't use 'force updates' for weekly or daily profiles refreshes. It was
> designed to import new accounts or refresh those which were updated long ago. We offer weekly
> / daily updates as an additional option (and it's cheaper than 'force updates').

The time of profile last update is returned as timestamp in `lastUpdatedTime` parameter of
profile analytics response:

```
{
  "lastUpdatedTime": 1543660228000,
}
```

The method URL

https://app.influenceye.com/api/v1/profile/forceUpdateByUsername?apiKey=xxx

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: ● `instagram` ● `twitter` ● `twitch` **Note:** This method doesn't support Youtube. Use **/profile/findById** instead
username	Yes	Profile's username: ● davidbeckham for https://www.instagram.com/davidbeckham/ ● katyperry for https://twitter.com/katyperry

● shroud for https://www.twitch.tv/shroud

Response is

```
200 OK
```

```
{
  "status": "success",
  "message": "User added to update queue. Wait 10-15 minutes before getting
result"
}
```

Profile will be sent to update/import queue only if you have enough quota per current period.

Method /profile/statusById

Check if profile exists and when it was updated last time. This call *doesn't* affect your quota, so you can use it as a free check of profile's status.

Note: This method works with channel ID (Youtube) or internal platform ID (Instagram, Twitter, Twitch). To get profile's status by @username, please use method
/profile/statusByUsername

The method URL

https://app.influenceye.com/api/v1/profile/statusById?apiKey=xxx

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: ● `instagram` ● `youtube` ● `twitter` ● `twitch`
id	Yes	Channel ID for Youtube, e.g. UC-IHJZR3Gqxm24_Vd_AJ5Yw for PewDiePie's channel Internal platform ID for other platforms: ● 25025320 for instagram account ● 12 for Jack Dorsey twitter ● 19571641 for ninja account on Twitch

Response contains `lastUpdatedTime` timestamp as well as profile id and username

```
200 OK
```

```
{
"socialType": "youtube",
"id": "UC-lHJZR3Gqxm24_Vd_AJ5Yw",
"username": "PewDiePie",
"lastUpdatedTime": 1556878184000
}
```

Method /profile/statusByUsername

Check if profile exists and when it was updated last time. This call *doesn't* affect your quota, so you can use it as a free check of profile's status.

Note: This method works with @username (Instagram, Twitter, Twitch). To get profile's status by Youtube profile's status, please use method **/profile/statusById**

The method URL

https://app.influenceye.com/api/v1/profile/statusByUsername?apiKey=xxx

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key
network	Yes	Platform name: ● `instagram` ● `twitter` ● `twitch` **Note:** This method doesn't support Youtube. Use **/profile/findById** instead
username	Yes	Profile's username: ● davidbeckham for https://www.instagram.com/davidbeckham/ ● katyperry for https://twitter.com/katyperry ● shroud for https://www.twitch.tv/shroud

Response contains `lastUpdatedTime` timestamp as well as profile id and username

```
200 OK
```

```
{
"socialType": "instagram",
"id": "145753000",
```

```
"username": "enzoknol",
"lastUpdatedTime": 1560157667000
}
```

Method /status

Get your API quota status using the following GET request:

`https://app.influenceye.com/api/v1/status?apiKey=xxx`

This method must be called using GET. Below is the list of supported parameters:

Parameter	Mandatory	Description
apiKey	Yes	Your API key

Response is

```
200 OK
```

```
{
  "profilesViewed": 5,
  "totalViewProfileLimit": 10,
  "newViewProfilePeriodStartsAt": "2020-12-13 16:16:08 UTC",
  "profilesForceUpdated": 8,
  "totalForceUpdateProfileLimit": 10,
  "newForceUpdateProfilePeriodStartsAt": "2020-12-13 16:16:08 UTC",
  "searchesPerformed": 3,
  "searchesLimit": 10,
  "newSearchPeriodStartsAt": "2020-12-13 16:16:08 UTC",
  "periodInDays": 365
}
```

Description:
- `profilesViewed` — number of unique profiles viewed per current period
- `totalViewProfileLimit` — your quota of unique profiles per period
- `profilesForceUpdated` — number of profiles that were force updated per current period
- `totalForceUpdateProfileLimit` — your quota of force updates per period
- `searchesPerformed` — number of searches made per current period
- `searchesLimit` — your quota of searches per current period
- `periodInDays` — your period (in days) for profile API
- `newViewProfilePeriodStartsAt` — when next API period for viewing profiles starts
- `newForceUpdateProfilePeriodStartsAt` — when next API period for force updates starts
- `newSearchPeriodStartsAt` — when next search API period starts

Profile status is being updated each 10 minutes.

Appendix: List of profile response fields

The fields below are returned in both profile methods — **/profile/findById** and **/profile/findByUsername**.

Profile information (id, username, location, contacts, ...)

Parameter	Description	Example
id	Channel ID (Youtube) or internal platform ID (Instagram, Twitter, Twitch)	"id": "12995776"
lastUpdatedTime	Timestamp of profile's last update time	"lastUpdatedTime": 1553540752000
socialType	Platform: ● instagram ● youtube ● twitter ● twitch	"socialType": "instagram"
username	Username (Youtube) or @username (Instagram, Twitter, Twitch)	"userName": "gigihadid"
fullName	Channel name (Youtube) or user full name (Instagram, Twitter, Twitch)	"fullName": "Gigi Hadid"
createdAt	Timestamp of profile creation time (Youtube, Twitter) or 0 (Instagram, Twitch)	"createdAt": 1516338649000
verified	Verified account on Twitter — true/false (Instagram, Twitter) and null (other platforms)	"verified": true
link	Profile link	"link": "https://www.instagram.com/gigihadid"
picture	Avatar image	"picture": "https://scontent-amt2-1.cdninstagram.com/vp/1d8_8498320104897904640_n.jpg?_nc_ht=scontent-amt2-1.cdninstagram.com"
contact	List of recognized public influencer contacts (emails,	"contact": { "emails":

	`phones, websites, socialAccounts)`	`["user@example.com"],`
		`"phones": [],`
		`"websites": [`
		`"https://example.com",`
		`],`
		`"socialAccounts": {`
		`"youtube": "..."`
		`}`
		`}`

`location`	Predicted influencer location, i.e. country code (`country`), US state (`subdivision`), city name (`city`)	`"location": {`
		`"country": "US",`
		`"subdivision": "MI",`
		`"city": "Ann Arbor",`
		`"showName": null,`
		`"featureCode": null`
		`}`

`locationShowName`	Influencer location in readable form	`"locationShowName":` `"Turin, Italy"`
`locationShowName` `Aggregated`	Influencer location in readable form (different from locationShowName as small town near bigger one will be displayed as bigger one)	`"locationShowName":` `"Turin, Italy"`
`gender`	Predicted influencer gender (`male`, `female`, `unknown`)	`"gender": "male",`

`lang`	Predicted influencer language (`showName`). Has `null` value for unrecognized language.	`"lang": {`
		`"count": null,`
		`"percent": null,`
		`"showName": "English"`
		`}`

`categories`	List of top influencer categories. These are predicted categories (like Fashion, Sports) for Instagram, Twitter, and Twitch (counts and percents are `null`). For Youtube these are the most popular video categories of influencer's channel (`count` and `percent` fields have values).	`"categories": [`
		`{`
		`"category":`
		`"Entertainment",`
		`"subcategories": null,`
		`"count": 69,`
		`"percent": 98`
		`},`
		`{`
		`"category": "People &`
		`Blogs",`
		`"subcategories": null,`
		`"count": 1,`
		`"percent": 1`
		`}`
		`]`

`isBusinessAccount`	Whether this is business account in Instagram or not (`null` for	`"isBusinessAccount":` `true`

	other platforms)	
businessCategory Name	Category name for business account on Instagram (null for other platforms)	"businessCategoryName": "Creators & Celebrities"
broadcasterType	Whether streamer is a Twitch partner (only for Twitch, null for other platforms)	"broadcasterType": "partner"

Profile data (posts, engagement rate, likes, hashtags, ...)

Parameter	Description	Example

generalStatis
tics
	Big object with profile data. Please note that there are more profile data fields not included here (see them below).
	
	avgComments contains average number of comments per post/video/tweet (null for Twitch).
	
	avgLikes contains average number of likes per post/video/tweet (0 for Twitter and null for Twitch and).
	
	engagementsPerPost contains average number of all engagements per post.
	
	engagementRate contains average engagement rate (percentage). This is ratio of engagements to number of followers for Instagram, Youtube, and Twitter. For Twitch this is ratio of average stream viewers to number of followers.
	
	totalPosts contains the total number of posts/video/tweets (0 for Twitch).
	
	percentSponsored contains percentage of detected sponsored posts (Instagram, Youtube, and Twitter only)
	
	dynamics contains dynamics (timestamp and value) of main metrics:
	• totalPosts — number of posts, video, tweets
		"generalStatistics": {
		"avgComments": 4206.8181818182,
		"avgLikes": 1308338.0606060605,
		"engagementRate": 2.79891127,
		"totalPosts": 2850,
		"percentSponsored": 6,
		"groupedPosts": {
		"aggregation": "month",
		"values": [
		{
		"date": {
		"year": 2018,
		"month": 6,
		"week": null,
		"day": null
		},
		"value": 17
		},
		],
		"startDate": 1522091157000,
		"finishDate": 1553540757000
		},
		"postsByWeekDays": {
		"aggregation": "day_of_week",
		"values": [
		"wednesday",
		"tuesday",
		"monday"
		],

- commentsPerPost — average comments
- likesPerPost — average likes
- engagementRates — dynamics of engagement rate
- followersCount — dynamics of followers
- viewsPerPost — average video views
- dislikesPerPost — average dislikes
- viewCount — number of video views
- likesCount — number of likes
- dislikesCount — number of dislikes
- commentsCount — number of comments
- tweetsPerDay — frequency of tweets
- retweetsPerTweet — average retweets

Note: New objects `imageDynamics` and `videoDynamics` contain separate dynamics for images and videos (this was made for Instagram only).

`viewPerPost` contains average number of video views (Youtube and Twitch only)

`dislikesPerPost` contains average number of dislikes per video (Youtube only, `null` for other platforms)

`totalViewCount` contains total number of video views (Youtube and Twitch only)

`commentsCount` contains total number of comments (`null` for Twitch)

`likesCount` contains total number of likes (`null` for Twitch)

`dislikesCount` contains total number of dislikes (only for Youtube, `null` for other platforms)

```
"startDate":
1522091157000,
"finishDate":
1553540757000
},
"dynamics": {
"totalPosts": [
{
"timestamp":
1492136330000,
"value": 2431
},
{
"timestamp":
1503015218000,
"value": 2479
},
],
"commentsPerPost": [
{
"timestamp":
1492136330000,
"value": 5674.4344262295
},
{
"timestamp":
1503015218000,
"value": 5300.3421052632
},
],
"likesPerPost": [
{
"timestamp":
1492136330000,
"value":
1290976.6803278688
},
],
"engagementRates": [
{
"timestamp":
1492136330000,
"value": 3.15564437
},
],
"followersCount": [
{
```

	sharesCount contains total number of retweets (Twitter only, null for other platforms)
	
	engagementRateMedian, likesMedian, viewsMedian, commentsMedian contain median values of respective metrics.
	
	imagesTotalPosts contains total number of image posts per period (Instagram only).
	
	videoTotalPosts contains total number of video posts per period (Instagram only).
	
	videoViewsPerPost contains number of video posts views per period (Instagram only).
	
	possibleSenstive will be true if Twitter account has posts with possibly sensitive content, e.g. violence or nudity.
		`"timestamp":`
		`1492136330000,`
		`"value": 34338668`
		`},`
		`],`
		`"viewPerPost": null,`
		`"dislikesPerPost": null,`
		`"viewCount": null,`
		`"likesCount": [`
		`{`
		`"timestamp":`
		`1492136330000,`
		`"value": 157499155`
		`},`
		`],`
		`"dislikesCount": null,`
		`"commentsCount": [`
		`{`
		`"timestamp":`
		`1492136330000,`
		`"value": 692281`
		`},`
		`],`
		`"tweetsPerDay": null,`
		`"retweetsPerTweet": null`
		`},`
		`"viewPerPost": 6932845.0,`
		`"commentsCount": 969644,`
		`"likesCount": 304583161,`
		`"possibleSensitive":`
		`false,`
		`"engagementRateMedian":`
		`2.95057668,`
		`"likesMedian": 3630988.0,`
		`"viewsMedian": 5033192.0,`
		`"commentsMedian": 0.0,`
		`"imagesTotalPosts": 61,`
		`"videoTotalPosts": 17,`
		`"videoViewsPerPost":`
		`6932845.0`
		`}`

contentStatistics	Separate metrics for all posts, video posts and image posts per selected period (6 months for API, on UI one can select different periods). For Instagram all sections have values (all, images, videos). For other platforms only all object has values	`"contentStatistics": {`
		`"all": {`
		`"commentsCount": 969644,`
		`"commentsMedian": 0.0,`
		`"engagementRate":`
		`3.16993017,`

	(it will contain stats for Youtube videos and Twitter tweets).
	
	`totalPosts` contains total number of posts per period (same as `mediaCountPerPeriod`, see below)
	
	`engagementRate` contains engagement rate per post
	
	`engagementRateMedian` contains median value of engagement rate per post
	
	`likesCount` contains total number of likes
	
	`likesPerPost` contains average value of likes per post
	
	`likesMedian` contains median value of likes per post
	
	`commentsCount` contains total number of comments
	
	`commentsPerPost` contains average number of comments per post
	
	`commentsMedian` contains median value of comments per post
	
	`viewsPerPost` contains average number of views per post
	
	`viewsMedian` contains median value of views per post
		`"engagementRateMedian":`
		`0.0295057668,`
		`"likesCount": 304583161,`
		`"likesMedian": 3630988.0,`
		`"likesPerPost":`
		`3904912.3205128205,`
		`"commentsPerPost":`
		`4629.3606557377,`
		`"totalPosts": 78,`
		`"viewsPerPost": null,`
		`"viewsMedian": 5033192.0`
		`},`
		`"video": {`
		`"commentsCount": null,`
		`"commentsMedian": 7349.0,`
		`"engagementRate":`
		`7.09889396,`
		`"engagementRateMedian":`
		`null,`
		`"likesCount": null,`
		`"likesMedian": 1387324.0,`
		`"likesPerPost":`
		`1823231.4117647058,`
		`"commentsPerPost":`
		`16611.2352941176,`
		`"totalPosts": 17,`
		`"viewsPerPost":`
		`6932845.0,`
		`"viewsMedian": null`
		`},`
		`"images": {`
		`"commentsCount": 282391,`
		`"commentsMedian": 7349.0,`
		`"engagementRate":`
		`3.6384396100000003,`
		`"engagementRateMedian":`
		`null,`
		`"likesCount": 30994934,`
		`"likesMedian": 1387324.0,`
		`"likesPerPost":`
		`508113.6721311475,`
		`"commentsPerPost": null,`
		`"totalPosts": 61,`
		`"viewsPerPost": null,`
		`"viewsMedian": null`
		`}`
		`}`

`mediaCount`	Total number of posts	`"mediaCount": 2850`
`mediaCountPerPeriod`	Number of posts per selected period (6 months for API, on UI one can select different periods)	`"mediaCountPerPeriod": 78`

`postsFrequency`	Average number of posts within the selected period (6 months).
	
	`period` can be:
	    ● `day`
	    ● `week`
	    ● `month`
	    ● `3months`
	    ● `6months`
	    ● `year`
		`"postsFrequency": {`
		`"period": "week",`
		`"postNumber": 3`
		`}`

`following`	Number of followings (`null` for Youtube)	`"following": "982"`
`engagementRateLevel`	Percentile of engagement rate level, e.g. how good is influencer's ER compared to similar influencers by number of followers. In the example level 65.34 means that ER (find it in `generalStatistics`) is better than 65% of similar influencers.	`"engagementRateLevel": 65.3465346535`

`sentiment`	Sentiment (percentage) of influencer posts' comments (Instagram and Youtube only, `null` for other platforms)	`"sentiment": {`
		`"negative": 15,`
		`"neutral": 43,`
		`"positive": 42`
		`}`

`retweetsPerTweet`	Average number of retweets per tweet (Twitter only, `null` for other platforms)	`"retweetsPerTweet": 15372.3008849558`
`tweetsPerDay`	Average number of tweets per day (Twitter only, `null` for other platforms)	`"tweetsPerDay": 1.0555169207`

`contentOrigin`	Number of influencer's tweets by type (own tweets (`ownTweets`), `replies`, `retweets`). For other platforms this is `null`.	`"contentOrigin": {`
		`"replies": 0,`
		`"retweets": 0,`
		`"ownTweets": 381`
		`}`

`contentType`	Number of influencer's posts/tweets by content type (Instagram and Twitter only, `null` for other platforms)	`"contentType": {`
		`"photo": 305,`
		`"text": 76`
		`}`

		`"contentType": {`
		`"photo": 61,`
		`"video": 17`
		`}`

`topMentions`	Top Twitter accounts mentioned in influencer's tweets (Twitter only, `null` for other platforms)	`"topMentions": [`
		`{`
		`"count": 187,`
		`"id": "217428534",`
		`"screenName": "imgmodels"`
		`},`
		`{`
		`"count": 174,`
		`"id": "16516077",`
		`"screenName":`
		`"bellahadid"`
		`}`

`postBrands`	List of brands mentioned in influencer's posts (with counts)	`"postBrands": [`
		`{`
		`"count": 51,`
		`"percent": null,`
		`"showName": "Maybelline"`
		`},`
		`{`
		`"count": 33,`
		`"percent": null,`
		`"showName": "Tommy`
		`Hilfiger"`
		`}`
		`]`

`allBrandNames`	List of brands mentioned in influencer's posts (without counts)	`"allBrandNames": [`
		`"medusa",`
		`"maybelline"`
		`]`

`topDomains`	Top website domains mentioned in influencer's tweets (Twitter only, `null` for other platforms)	`"topDomains": [`
		`{`
		`"count": 72,`
		`"domain": "twitter.com",`
		`"percent": 64`
		`}`
		`]`

`tweetsSentiment`	Tweets sentiment (Twitter only, `null` for other platforms)	`"tweetsSentiment": {`
		`"negative": 12,`
		`"neutral": 47,`

		`"positive": 41` `}`

`sponsoredBran`
`ds`
	List of brands mentioned in sponsored posts (with counts, Instagram only)	`"sponsoredBrands": [`
		`{`
		`"count": 10,`
		`"percent": null,`
		`"showName": "max mara"`
		`},`
		`{`
		`"count": 8,`
		`"percent": null,`
		`"showName": "Tommy`
		`Hilfiger"`
		`}`
		`]`

`hashTags`	List of hashtags in influencer's posts sorted by count	`"hashTags": [`
		`{`
		`"count": 42,`
		`"hashTag": "ad"`
		`},`
		`{`
		`"count": 22,`
		`"hashTag": "tommyxgigi"`
		`}`
		`]`

`avgViewers`	Average number of streams viewers (Twitch only, `null` for other platforms)	`"avgViewers":` `33157.9707526915`

`streamsAnalyt`
`ics`
	Big object with streams analytics (Twitch only, `null` for other platforms).
	
	Contains the following information:
	• `avgDurationLive` — average daily live hours
	• `avgViewers` — average stream viewers
	• `avgViewersAggregatedB`
	`yWeek` — dynamics of average stream viewers grouped by week
	• `languages` — list of languages used in streams
	• `maxViewers` — max stream viewers
	• `maxViewersAggregatedB`
	`yWeek` — dynamics of max
		`"streamsAnalytics": {`
		`"avgDurationLive":`
		`8.2604106651,`
		`"avgViewers":`
		`33157.9707526915,`
		`"avgViewersAggregatedByWe`
		`ek": {`
		`"(2018, 10, 40)":`
		`"25126.3807641634"`
		`},`
		`"languages": [`
		`[`
		`"en",279`
		`]`
		`],`
		`"maxViewers": 111335,`

stream viewers grouped by week
- streamsAnalyzed — number of analyzed streams
- topGames — list of top games sorted by average viewers
- topStreams — list of top streams with additional info like duration, average and max viewers, language, etc
- daysOfWeek — average viewers per day/hour
- avgHoursAggregatedPer Week — average daily live hours grouped by week

```
"maxViewersAggregatedByWe
ek": {
"(2018, 10, 40)": "59443"
},
"streamsAnalyzed": 279,
"topDaysOfWeek": [
"friday",
"monday",
"thursday"
],
"topGames": [
{
"id": "506343",
"name": "",
"value": null,
"boxArtUrl": "",
"avgViewersCount":
55852.25
},
],
"topStreams": [
{
"duration": 4.2179877778,
"id": "29659296512",
"image":
"https://static-cdn.jtvnw
.net/previews-ttv/live_us
er_shroud-{width}x{height
}.jpg",
"title": "PUBG PGI
Charity Squads!!!! |
FOLLOW @shroud FOR
UPDATES! ",
"type": "live",
"avgViewers":
87610.7777777778,
"finishedAt":
1532716203000,
"gameId": null,
"language": "en",
"maxViewers": 111335,
"startedAt":
1532701019000,
"userId": "37402112",
"avgViewersByGame": [
{
"id": "493057",
```

```
"name": "PLAYERUNKNOWN'S
BATTLEGROUNDS",
"value":
87610.7777777778,
"boxArtUrl":
"https://static-cdn.jtvnw
.net/ttv-boxart/PLAYERUNK
NOWN%27S%20BATTLEGROUNDS-
{width}x{height}.jpg",
"avgViewersCount": null
}
],
"durationGames": [
{
"id": "493057",
"name": "PLAYERUNKNOWN'S
BATTLEGROUNDS",
"value": 1,
"boxArtUrl":
"https://static-cdn.jtvnw
.net/ttv-boxart/PLAYERUNK
NOWN%27S%20BATTLEGROUNDS-
{width}x{height}.jpg",
"avgViewersCount": null
}
],
"maxViewersByGame": [
{
"id": "493057",
"name": "PLAYERUNKNOWN'S
BATTLEGROUNDS",
"value": 111335,
"boxArtUrl":
"https://static-cdn.jtvnw
.net/ttv-boxart/PLAYERUNK
NOWN%27S%20BATTLEGROUNDS-
{width}x{height}.jpg",
"avgViewersCount": null
}
]
},
],
"daysOfWeek": {
"0": {
"0": 38130.2702702703,
"23": 38037.0540540541
}
},
```

		"avgHoursAggregatedPerWee
		k": {
		"(2018, 10, 40)": [
		{
		"id": "506274",
		"name": "",
		"value": 9.1085086754,
		"boxArtUrl": "",
		"avgViewersCount": null
		},
		]
		}
		}

Posts (top, sponsored)

Parameter	Description	Example

topPosts	List of top 10 influencer's posts by engagement rate:
	● ID (id)
	● link (link)
	● duration (duration) in seconds
	● title (title)
	● picture (imageUrl)
	● description (description)
	● likes (likes)
	● dislikes (dislikes)
	● comments (comments)
	● creation timestamp (created)
	● views (views)
	● retweets (retweets)
	● Twitter's possibly sensitive content (possiblySensitive)
	● Twitter's possibly sensitive content (possiblySensitive)
		"topPosts": [
		{
		"id":
		"1947355068686407886",
		"type": "GraphSidecar",
		"link":
		"https://www.instagram.com
		/p/BsGZR4QnBjO/",
		"thumbnail": null,
		"duration": null,
		"title": null,
		"imageUrl":
		"https://scontent-lht6-1.c
		dninstagram.com/vp/12b32ef
		7f5cc5e9a2165d8cff2e33ce7/
		5CB66359/t51.2885-15/e35/4
		7581619_2011800262453392_7
		14992641492941197_5_n.jpg?_
		nc_ht=scontent-lht6-1.cdni
		nstagram.com",
		"videoUrl": null,
		"description": "Just a
		spoon ...",
		"likes": 2786234,
		"comments": 7468,
		"created": 1546362835000,
		"retweets": 0,
		"dislikes": null,
		"views": null
		}

		]

`topSponsored Posts`	List of top 10 recognized sponsored posts:
	• ID (`id`)
	• link (`link`)
	• duration (`duration`) in seconds
	• title (`title`)
	• picture (`imageUrl`)
	• description (`description`)
	• likes (`likes`)
	• dislikes (`dislikes`)
	• comments (`comments`)
	• creation timestamp (`created`)
	• views (`views`)
	• retweets (`retweets`)
	• Twitter's possibly sensitive content (`possiblySensitive`)
		`"topSponsoredPosts": [`
		`{`
		`"id":`
		`"1990087097483935396",`
		`"type": "GraphSidecar",`
		`"link":`
		`"https://www.instagram.com`
		`/p/BueNavVnj6k/",`
		`"thumbnail": null,`
		`"duration": null,`
		`"title": null,`
		`"imageUrl":`
		`"https://scontent-cdt1-1.c`
		`dninstagram.com/vp/2cf210e`
		`9963ad9b58cdd4690b815f3dc/`
		`5D176888/t51.2885-15/e35/5`
		`3117296_178893503086789_15`
		`70074166258260236_n.jpg?_n`
		`c_ht=scontent-cdt1-1.cdnin`
		`stagram.com",`
		`"videoUrl": null,`
		`"description": "it ain't`
		`all ...",`
		`"likes": 2451124,`
		`"comments": 8271,`
		`"created": 1551456890000,`
		`"retweets": 0,`
		`"dislikes": null,`
		`"views": null`
		`},`
		`]`

`recentImages`	List of latest 10 posts:
	• ID (`id`)
	• link (`link`)
	• duration (`duration`) in seconds
	• title (`title`)
	• picture (`imageUrl`)
	• description (`description`)
	• likes (`likes`)
	• dislikes (`dislikes`)
	• comments (`comments`)
	• creation timestamp (`created`)
	• views (`views`)
	• retweets (`retweets`)
		`"recentImages": [`
		`{`
		`"id":`
		`"1990087097483935396",`
		`"type": "GraphSidecar",`
		`"link":`
		`"https://www.instagram.com`
		`/p/BueNavVnj6k/",`
		`"thumbnail": null,`
		`"duration": null,`
		`"title": null,`
		`"imageUrl":`
		`"https://scontent-cdt1-1.c`
		`dninstagram.com/vp/2cf210e`
		`9963ad9b58cdd4690b815f3dc/`

| | | 5D176888/t51.2885-15/e35/5
3117296_178893503086789_15
70074166258260236_n.jpg?_n
c_ht=scontent-cdt1-1.cdnin
stagram.com",
"videoUrl": null,
"description": "it ain't
all ...",
"likes": 2451124,
"comments": 8271,
"created": 1551456890000,
"retweets": 0,
"dislikes": null,
"views": null
},
] |

Audience data

| `audienceSt atistics` | Big object with audience statistics. Please note that there are audience stats fields not included here (see them below).

`audienceLanguages` contains a list of audience languages (detected by followers bios) sorted by count/percentage.

`commentsLanguages` contains a list of audience languages (detected by comments) sorted by count/percentage.

`mergedAudienceCommentsLangu ages` contains a list of audience languages (combined from bios and comments) sorted by count/percentage.

`audienceGender` contains percentages of `male` and `female` followers.

`audienceAccountType` contains percentage of audience types (Instagram and Twitter only):
`massFollower` — mass followers and suspicious accounts (will be separated in the next release) | "audienceStatistics": {
"audienceLanguages": [
{
"count": 4912,
"percent": 84,
"showName": "English"
},
"commentsLanguages": [
{
"count": 529,
"lang": "en",
"percent": 49,
"showName": "English"
},
"mergedAudienceCommentsL anguages": [
{
"count": 807,
"lang": "es",
"percent": 15,
"showName": "Spanish"
},
{
"count": 287,
"percent": 4,
"showName": "Russian"
},
],
"audienceGender": {
"male": 31,
"female": 69
}, |

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● `nonPersonal` — detected non-personal accounts (brands, fan pages, communities, media)
● `personal` — detected personal accounts

`countries` contains a list of audience countries sorted by count/percentage.

`followers` contains number of influencer's followers/subscribers.

`followings` contains number of influencer's subscriptions.

`topCities` contains a list of audience cities sorted by count/percentage.

`topCitiesAggregated` contains a list of audience cities where all small towns near bigger ones are merged with these bigger ones.

`audienceInterestsCategories` contains a list of audience interests sorted by count/percentage.

`audienceSubscribers` contains a distribution (percentage) of followers by number of subscriptions (only for Youtube, `null` for other platforms):
● `0` — no subscribers
● `1-100` — 1-99 subscribers
● `100-1K` — 100-999 subscribers
● `1K-5K` — 1000-4999 subscribers
● `5K+` — 5000+ subscribers

`audienceAge` contains audience age percentage distribution (only for Instagram and Youtube, `null` for other platforms):
● `0-17` — Under 18
● `18-24` — age group 18-24
● `25-34` — age group 25-34
● `35-44` — age group 35-44
● `45-54` — age group 45-54
● `55-64` — 55 and older

`audienceGenderAge` contains

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```
"audienceAccountType": {
"personal": 85,
"nonPersonal": 1,
"massFollower": 14
},
"countries": [
{
"count": 198,
"percent": 14,
"countryCode": "US",
"showName": "United
States"
},
{
"count": 87,
"percent": 6,
"countryCode": "DE",
"showName": "Germany"
},
],
"followers": 46894837,
"topCities": [
{
"count": 61,
"percent": 6,
"showName": "New York
City"
},
],
"audienceInterestsCatego
ries": [
{
"category": "beauty and
fashion",
"subcategories": [],
"count": 852,
"percent": 7
},
],
"audienceSubscribers": {
"0": 62,
"1-100": 38,
"5K+": 0,
"1K-5K": 0,
"100-1K": 0
},
"audienceAge": {
"25-34": 34,
"18-24": 42,
"0-17": 8,
"55-64": 0,
"35-44": 10,
"45-54": 6
},
```

</td>
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</table>

| | audience age percentage distribution for males and females (only for Instagram, `null` for other platforms).<br><br>`creators` and `observers` are Youtube only fields (they are `0` for other platforms):<br>• `creators` — subscribers with own Youtube videos<br>• `observers` — subscribers without own Youtube videos | ```json
"audienceAge": {
"25-34": 34,
"18-24": 42,
"0-17": 8,
"55-64": 0,
"35-44": 10,
"45-54": 6
},
"audienceGenderAge": {
"male": {
"55-64": 4,
"25-34": 32,
"18-24": 34,
"35-44": 18,
"0-17": 3,
"45-54": 9
},
"female": {
"25-34": 38,
"18-24": 43,
"35-44": 4,
"0-17": 13,
"45-54": 2
}
},
"creators": 37,
"observers": 63
}
]
``` |
|---|---|---|
| `reachability` | How likely is reachable influencer's audience (Instagram only, `null` for other platforms).<br><br>Contains percentages:<br>• `reachable` — followers with 0-300 followings<br>• `easyReachable` — followers with 301-1000 followings<br>• `hardlyReachable` — followers with 1000+ followings | ```json
"reachability": {
"absolute":
4410.3115776785,
"distribution": {
"reachable": 52,
"easyReachable": 31,
"hardlyReachable": 17
},
"ratio": 0.7006054929
}
``` |
| `audienceAnalyzed` | Number of analyzed followers accounts | `"audienceAnalyzed": 300` |
| `lastTweetPosted` | How active is influencer's audience — when did they post their last tweet? (Twitter only, `null` for other platforms).<br><br>Contains counts for the following periods:<br>• `1day` — 1 day ago | ```json
"lastTweetPosted": {
    "14days": 0,
    "90days": 1,
    "7days": 0,
    "1day": 0,
    "30days": 0
}
``` |

	`7days` — 7 days ago `14days` — 14 days ago `30days` — 30 days ago `90days` — 90 days ago To get percentages you must divide count by `audienceAnalyzed` (see above).	
`followersGrowthRate`	Approximated growth of number of followers in the last 30 days (must be multiplied by 100 to get percentage)	`"followersGrowthRate": 0.1072469446,` `"followersGrowthRate": null`

Similar profiles

Parameter	Description	Example

`similarUsersAudienceIds`	List of similar profiles by audience (location, gender, interests). Contains Channel IDs (Youtube) or internal platform IDs (Instagram, Twitter, Twitch).	`"similarUsersTextIds": [`
		`"UCqLJF9SFT-CG2pEW0g1sORw",`
		`"UCbwMZHCMpBiOWfYLBOH-9Qw"`
		`]`

`similarUsersTextIds`	List of similar profiles by text of posts and description. Contains Channel IDs (Youtube) or internal platform IDs (Instagram, Twitter, Twitch).	`"similarUsersTextIds": [`
		`"1553540752000",`
		`"20097342"`
		`]`

`followers`	List of identified influencer accounts (5K+ followers) who comment this profile most. Contains Channel IDs (Youtube) or internal platform IDs (Instagram, Twitter, Twitch).	`"followers": [`
		`"UCDsYEsRwxUOzDpopghlYGQA",`
		`"UCMeFKdncik9dhpZ5MxNeCDw",`
		`"UCOJ1VGaFSSaROqtrl5e_zAw"`
		`]`

`followings`	List of identified influencer accounts (5K+ followers) whom this profile comments most. Contains Channel IDs (Youtube) or internal platform IDs (Instagram, Twitter, Twitch).	`"followings": [`
		`"12995776",`
		`"184692323",`
		`]`