

Package: datoramar (via r-universe)

September 2, 2024

Type Package

Title Interface to the 'Datorama' Query & Platform API

Version 0.1.1

URL <https://github.com/kadekillary/datoramar>

BugReports <https://github.com/kadekillary/datoramar/issues>

Description A thin wrapper around the 'Datorama' API. Ideal for analyzing marketing data from <https://datorama.com>.

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Encoding UTF-8

LazyData true

Imports htr, jsonlite, tibble

RoxygenNote 6.0.1

Repository <https://kxzk.r-universe.dev>

RemoteUrl <https://github.com/kxzk/datoramar>

RemoteRef HEAD

RemoteSha 0bad01b6b6094e871f8dbb7856c1017b09788505

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datorama_process *Process Data Streams*

Description

Process all the data streams listed in 'dataStreamIds' between the dates 'startDate' and 'endDate' (format YYYY-MM-DD). The optional field 'create' determines whether it's the first time the data streams are being processed. Default value is false. Data streams being processed for the first time (i.e. create: true) will also have a SmartLenses dashboard created for them. This is designed to allow flexibility when creating complex setups via API. It is the API user's responsibility to determine if they want processed data streams to trigger SmartLenses creation.

Usage

```
datorama_process(access_token = NULL, dataStreamIds = NULL,
                 startDate = NULL, endDate = NULL, create = FALSE)
```

Arguments

access_token	Authorization string that is found within the Datorama platform
dataStreamIds	A list of integers relating to Data Stream IDs to process
startDate	A string -> format YYYY-MM-DD
endDate	A string -> format YYYY-MM-DD
create	A boolean indicating whether to create a new stream or not

Details

Note: Used for API streams only.

Value

A list containing the processing request's results

Examples

```
## Not run:
datorama_process(access_token = "aaaaaaaa-bbbb-cccc-dddd-eeeeeeeeeeee",
                 dataStreamIds = list(348937, 34289),
                 startDate = "2018-01-01",
                 endDate = "2018-01-20",
                 )
## End(Not run)
```

datorama_query *A query constructor for the Datorama Query API*

Description

Refer to Datorama's Developer portal for further information. In order to use this package your account will have to have access to the Datorama Query API, which is a paid feature.

Usage

```
datorama_query(access_token = NULL, workspaceId = NULL, dateRange = NULL,
  startDate = NULL, endDate = NULL, measurements = NULL,
  dimensions = NULL, groupDimensionFilters = NULL,
  stringDimensionFiltersOperator = NULL, stringDimensionFilters = NULL,
  numberMeasurementFilter = NULL, sortBy = NULL, sortOrder = NULL,
  topResults = NULL, groupOthers = NULL, topPerDimension = NULL)
```

Arguments

access_token	Authorization string that is found within the Datorama platform
workspaceId	A string containing the workspaceId
dateRange	A string containing date range for query
startDate	A string -> format YYYY-MM-DD
endDate	A string -> format YYYY-MM-DD
measurements	A list of lists including attributes to include -> list(list(name = "Investment"))
dimensions	A list of dimensions to be included -> list("Day", "Site Name")
groupDimensionFilters	A list of lists including dimension, operator -> "IN", "NOT IN", and vals for filtering
stringDimensionFilters	A list of lists including dimension, operator -> "EQUALS", "NOT_EQUALS", "NOT_EQUALS_CASE_SENSITIVE", "CONTAINS", "NOT_CONTAINS", "STARTS_WITH", "ENDS_WITH", "IS_EMPTY", "IS_NOT_EMPTY", and val for filtering
stringDimensionFiltersOperator	A string for string dimension filtering -> "AND", "OR"
numberMeasurementFilter	A list of lists including fileName (measurement name), operator -> "EQUALS", "NOT_EQUALS", "GREATER", "GREATER_EQUALS", "LESS", "LESS_EQUALS", "IS_NULL", "IS_NOT_NULL", "IS_NAN", "IS_NOT_NAN" and val for filtering
sortBy	A string including name of dimension/measurement to sort by
sortOrder	A string containing the order of the sort -> "ASC", "DESC"
topResults	A string containing the number of results to return
groupOthers	Boolean determining whether to group all results not in topResults
topPerDimension	Boolean determining whether to return topResults per dimension

Value

A tibble with the query's response

Examples

```
## Not run:
datorama_query(acces_token = "aaaaaaa-bbbb-cccc-dddd-eeeeeeeeeeee",
               workspaceId = "271",
               dateRange = "CUSTOM",
               startDate = "2017-11-01",
               endDate = "2017-11-20",
               measurements = list(list(name = "Clicks"),
                                   list(name = "Impressions")),
               dimensions = list("Day", "Site Name")
               )

## End(Not run)
```

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