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| Anand |
| REST API Documentation |
| API Documentation |

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| Anand A02  2-13-2019 |

# Add list of product IDs in a predictive manner

**Description:** Add the list of product IDs in order of most compatible to the least compatible to the user/users

**URL**: POST(/predictFilter/ids)

**Query Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| Offset | Number of product IDs to be retrieved in one API call | Integer | Required |  |
| Start | Starting position of product IDs to be returned | Integer | Required |  |

**Header**

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Description | Required | Notes |
| apikey | For each app that a developer creates, they register it in the company’s developer portal (www.artivatic.com). The developer portal provides them apikey | Required |  |

**POST Body**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Element | Description | Type | Required | Notes |
| filter | Used to filter the product IDs | String | Required |  |
| Products | The client product IDs | String | Required |  |
| Sort | The parameter on which the results must be sort | String | Required |  |
| Search | User provided keyword which is used to search for appropriate product code | String | Required |  |
| userIds | User ID | String | Required |  |

**Sample Request**

|  |
| --- |
| { |
| "filter": |
| [ |
| { |
| "category":"Flight", |
| "Filter": [] |
| }, |
| { |
| "category":"restaurant", |
| "Filter": [ |
| { |
| "collumn\_name":"geoLocation", |
| "type\_value":"DIST", |
| "value":"12.975709,77.645774,10" |
| } |
| ] |
| } |
| ], |
| "products": |
| [ {"client\_product\_id":"e104359"}, |
| {"client\_product\_id":"f441"}, |
| {"client\_product\_id":"f197"}, |
| {"client\_product\_id":"20645"}, |
| {"client\_product\_id":"29368"}, |
| {"client\_product\_id":"f823"} |
| ], |
| "sort": |
| [ |
| { |
| "collumn\_name":"cost\_for\_two", |
| "type":"desc" |
| } |
| ], |
| "search":”Horror movies", |
| "userIds": [ |
| {"UserID":"1","weight":"0.6"} |
| ] |
| } |

**Response**

|  |  |  |  |
| --- | --- | --- | --- |
| Element | Description | Type | Notes |

**Sample Response**

NA

**Status Codes and Errors**

NA

# Add list of product details in a predictive manner

Create the list of product details in order of most compatible to the least compatible to the user/users

POST(/predictFilter/details)

Query Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | Description | Type | Required | Notes |
| Offset | Number of product IDs to be retrieved in one API call | Integer | Required |  |
| Start | Starting position of product IDs to be returned | Integer | Required |  |

Header

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Description | Required | Notes |
| apikey | For each app that a developer creates, they register it in the company’s developer portal (www.artivatic.com). The developer portal provides them apikey | Required |  |

POST Body

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Element | Description | Type | Required | Notes |
| filter | Used to filter the product IDs | String | Required |  |
| Products | The client product IDs | String | Required |  |
| Sort | The parameter on which the results must be sort | String | Required |  |
| Search | User provided keyword which is used to search for appropriate product code | String | Required |  |
| userIds | User ID | String | Required |  |

**Sample Request**

|  |
| --- |
| { |
| "filter": |
| [ |
| { |
| "category":"Flight", |
| "Filter": [] |
| }, |
| { |
| "category":"restaurant", |
| "Filter": [ |
| { |
| "collumn\_name":"geoLocation", |
| "type\_value":"DIST", |
| "value":"12.975709,77.645774,10" |
| } |
| ] |
| } |
| ], |
| "products": |
| [ {"client\_product\_id":"e104359"}, |
| {"client\_product\_id":"f441"}, |
| {"client\_product\_id":"f197"}, |
| {"client\_product\_id":"20645"}, |
| {"client\_product\_id":"29368"}, |
| {"client\_product\_id":"f823"} |
| ], |
| "sort": |
| [ |
| { |
| "collumn\_name":"cost\_for\_two", |
| "type":"desc" |
| } |
| ], |
| "search":”Horror movies", |
| "userIds": [ |
| {"UserID":"1","weight":"0.6"} |
| ] |
| } |

**Response**

|  |  |  |  |
| --- | --- | --- | --- |
| Element | Description | Type | Notes |

**Sample Response**

NA

**Status Codes and Errors**

NA