

Column Statistics

Returns information about minimum, maximum, average and median value in the column of a table.

- **URL**

`/api/v3/statistics/:tableName/:columnName`

- **Method:**

POST

- **URL Params**

Required:

`tableName` = Name of the table[String]

`columnName` = Name of the column in table[String]

- **Data Params**

```
{
  "databaseName":<database name>,
  "userName":<db user name>,
  "password":<db user password>
}
```

- **Success Response:**

- **Content:** {
 "minValue": "8",
 "maxValue": "15",
 "avgValue": "11.5000000000000000",
 "medianValue": "11"
}

- **Error Response:**

- **Code:** 500 INTERNAL_SERVER_ERROR
Content: { error : "SQL Exception" }

- **Sample Call:**

```
--request POST http://localhost:8080/api/v3/statistics/dbuser/id
```

```
--data Params
```

```
{  
  "databaseName": "taskdb",  
  "userName": "postgres",  
  "password": "test@1234"  
}
```

Untitled Request

Comments (0)

POST

<http://localhost:8080/api/v3/statistics/dbuser/id>

Send

Save

Params

Authorization

Headers (9)

Body

Pre-request Script

Tests

Settings

Cookies Code

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL BETA

JSON

Beautify

```
1 {  
2   "databaseName": "taskdb",  
3   "userName": "postgres",  
4   "password": "test@1234"  
5 }  
6
```

Body Cookies Headers (3) Test Results

Status: 200 OK Time: 171ms Size: 200 B

Save Response

Pretty

Raw

Preview

Visualize BETA

JSON



```
1 {  
2   "minValue": "8",  
3   "maxValue": "37",  
4   "avgValue": "22.6206896551724138",  
5   "medianValue": "23"  
6 }
```

Table Statistics

Returns information about number of records and attributes in a table.

- **URL**

`/api/v3/statistics/table/:tableName`

- **Method:**

POST

- **URL Params**

Required:

tableName = Name of the table[String]

- **Data Params**

```
{  
  "databaseName":<database name>,  
  "userName":<db user name>,  
  "password":<db user password>  
}
```

- **Success Response:**

- **Content:** {
 "recordCount": "9",
 "attributeCount": 7
}

- **Error Response:**

- **Code:** 500 INTERNAL_SERVER_ERROR
Content: { { error : "SQL Exception" } }

- **Sample Call:**

```
--request POST http://localhost:8080/api/v3/statistics/table/dbuser
--data Params
    {
        "databaseName": "taskdb",
        "userName": "postgres",
        "password": "test@1234"
    }
```

The screenshot displays a REST client interface with a POST request to `http://localhost:8080/api/v3/statistics/table/dbuser`. The request body is a JSON object with database credentials. The response is a JSON object containing record and attribute counts.

Request Details:

- Method: POST
- URL: `http://localhost:8080/api/v3/statistics/table/dbuser`
- Body (JSON):

```
{  "databaseName": "taskdb",  "userName": "postgres",  "password": "test@1234"}
```

Response Details:

- Status: 200 OK
- Time: 67ms
- Size: 155 B
- Body (JSON):

```
{  "recordCount": "29",  "attributeCount": 7}
```