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>
  }
  ```
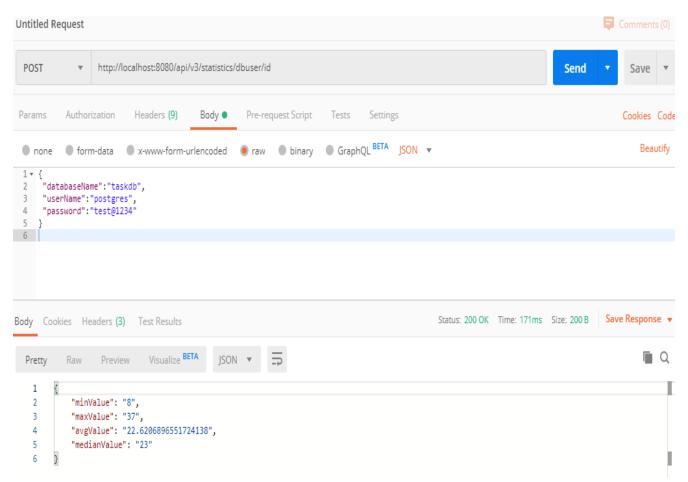
- **Success Response:**

  - **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"
        }
```