

Column Statistics

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

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

`tableName` = Name of the table[String]

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

- **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 GET "http://localhost:8080/api/v3/statistics/dbuser/id"
```

Table Statistics

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

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

- **Success Response:**

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

- **Error Response:**

- **Code:** 404
 Content: { error : "Not Found" }

- **Sample Call:**

```
--request GET "http://localhost:8080/api/v3/statistics/table/dbuser"
```

Individual API's to get maximum, minimum, average and median value in a table column.

Maximum Value

Returns maximum value in a table column.

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

columnName = Name of the column in table[String]

- **Success Response:**

- **Content:** { 12 }

- **Error Response:**

- **Code:** 500 INTERNAL_SERVER_ERROR

- Content:** { error : "SQL Exception" }

- **Sample Call:**

```
--request GET "http://localhost:8080/api/v3/statistics/dbuser/id/max"
```

Minimum Value

Returns minimum value in a table column.

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

columnName = Name of the column in table[String]

- **Success Response:**

- **Content:** { 10 }

- **Error Response:**

- **Code:** 500 INTERNAL_SERVER_ERROR

Content: { error : "SQL Exception" }

- **Sample Call:**

```
--request GET "http://localhost:8080/api/v3/statistics/dbuser/id/min"
```

Average Value

Returns average value in a table column.

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

columnName = Name of the column in table[String]

- **Success Response:**

- **Content:** { 10 }

- **Error Response:**

- **Code:** 500 INTERNAL_SERVER_ERROR

Content: { error : "SQL Exception" }

- **Sample Call:**

```
--request GET "http://localhost:8080/api/v3/statistics/dbuser/id/avg"
```

Median Value

Returns average value in a table column.

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

columnName = Name of the column in table[String]

- **Success Response:**

- **Content:** { 10 }

- **Error Response:**

- **Code:** 500 INTERNAL_SERVER_ERROR

Content: { error : "SQL Exception" }

- **Sample Call:**

```
--request GET "http://localhost:8080/api/v3/statistics/dbuser/id/median"
```

Individual API's to get number of records and number of attributes in a table.

Record Count

Returns the number of records in a table column.

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

- **Success Response:**

- **Content:** { 10 }

- **Error Response:**

- **Code:** 404

Content: { error : "Not Found" }

- **Sample Call:**

```
--request GET
"http://localhost:8080/api/v3/statistics/table/dbuser/recordcount"
```

Attribute Count

Returns the number of attributes in a table column.

- **URL**

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

- **Method:**

GET

- **URL Params**

Required:

tableName = Name of the table[String]

- **Success Response:**

- **Content:** { 10 }

- **Error Response:**

- **Code:** 404

- **Content:** { error : "Not Found" }

- **Sample Call:**

```
--request GET "http://localhost:8080/api/v3/statistics/table/dbuser/attrcount"
```