StatisticResult

The StatisticResult is the format the statistic data is being transferred in.

Data structure

The StatisticResult is a combination of meta data and the statistic data. The structure is defined as followed:

```
**path**  **type**                 **description**
metaData  object                  Contains meta information about the statistic result
metaData.creationTime  string     The creation time of the StatisticResult
metaData.dataDefinition  array     Contains the definition of the statistic data as an array of objects
metaData.filter  array          Contains information about the used filters as an array of objects
metaData.limit  integer         The used limit to restrict the dataSet
metaData.mode  string           The identifier of the statistic
metaData.offset  integer        The used offset of the restricted dataSet
metaData.parameter  object       The used parameters, including defaults
metaData.results  integer        The number of total results
metaData.scoreProfile  object    Information about the used ScoreProfile
metaData.trackingAccount  object  Information about the TrackingAccount the data was created for
metaData.trackingAccountHash  string  The identifier of the TrackingAccount
metaData.user  object           Information about the User the data was created for
dataSet  object                   Contains the data for the statistic
dataSet.properties  object       Data specific properties, e.g. aggregated values
dataSet.data  array             Contains the actual statistic data as an array of objects
```

The **metaData.dataDefinition** contains information about the type and structure of the requested fields within the **dataSet.data** property.

```
**property**  **description**
class          Specifies the type of the field
specification   Contains field specific information
type           Specifies the data type of the field
sortable       Specifies if it is possible to use this field for sorting
```

Description of the **metaData.dataDefinition[].class** definitions:

```
**value**  **description**
dimension   The field is a dimension type
measure     The field is a calculated measure
```

Description of the **metaData.dataDefinition[].type** definitions:

```
**value**  **description**
bool        The field contains a boolean value
float       The field contains a numeric value as float
iso8601     The field contains a date text of type ISO-8601
integer     The field contains a numeric value as integer
text        The field contains a string
array       The field contains a list of strings as an array
```
Description of the **metaData.dataDefinition[].specification** definitions:

<table>
<thead>
<tr>
<th><strong>type</strong></th>
<th><strong>example specification</strong></th>
<th><strong>description</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>iso-8601</td>
<td>YYYY-MM-DDThh:mm</td>
<td>The date format in ISO-8601 structure the value can be formatted with</td>
</tr>
<tr>
<td></td>
<td></td>
<td>that represents a duration</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a list of tags</td>
</tr>
</tbody>
</table>

Example result set via internal API as HAL+JSON:

```json
{
    "metaData": {
        "trackingAccountHash": "a0d4c16161326891",
        "offset": 0,
        "limit": 1,
        "creationTime": 1490950927,
        "mode": "companyVisitInfo",
        "parameter": {
            "timezone": "Europe/Berlin",
            "dateFormat": "dateMinute",
            "scoreProfileId": ",",
            "dateFrom": "2016-10-08T23:00:00.000Z",
            "dateTo": "2016-10-09T22:59:59.999Z",
            "groupBy": [
                "visitId"
            ],
            "orderBy": {
                "date": "date DESC",
                "pis": "pis DESC"
            },
            "metrics": [
                "date",
                "pis",
                "duration",
                "agentOs",
                "agentBrowser",
                "agentDevice",
                "companyName",
                "companyContinent",
                "companyCountryCode",
                "companyRegion",
                "companyCity",
                "companyZip",
                "companyBranch",
                "companyBranchCode",
                "companySize",
                "companySizeClass",
                "companyPhone",
                "companyStreet",
                "companyDomain",
                "scoreMax",
                "scoreMaxPercentage",
                "tags",
                "noteValue",
                "rating",
                "visitId",
                "visitorId",
                "companyId",
                "visitCtime"
            ],
            "offset": 0,
            "limit": 10,
            "dateFromTimestamp": 1475967600,
            "dateToTimestamp": 1476053999,
            "filterBasis": "visitId",
            "trackingAccountHash": "a0d4c16161326891"
        }
    }
}```
"dataDefinition": {
  "date": {
    "type": "iso-8601",
    "specification": "YYYY-MM-DDThh:mm",
    "sortable": true,
    "class": "dimension"
  },
  "pis": {
    "type": "integer",
    "sortable": true,
    "class": "measure"
  },
  "duration": {
    "type": "integer",
    "specification": {
      "type": "duration"
    },
    "sortable": true,
    "class": "measure"
  },
  "agentOs": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "agentBrowser": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "agentDevice": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyName": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyContinent": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyCountryCode": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyRegion": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyCity": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyZip": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyBranch": {
    "type": "text",
    "sortable": true,
    "class": "dimension"
  },
  "companyBranchCode": {
    "type": "text",
    "sortable": true,