

## CALL EXAMPLE:

https://v1.cclhp.eu/api/charts/preview?**date\_from=**2020-01-01T00:00:00.000Z**&date\_to**=2023-12-31T23:59:59.000Z**&page=**1**&sort\_field=**&**sort\_order=**-1

## PARAMETERS

**date\_from [URL] [REQUIRED]** "ISO string format" (i.e 2020-01-01T00:00:00.000Z)

**date\_to [URL] [REQUIRED]** "ISO string format" (i.e 2020-01-01T00:00:00.000Z)

**CCapi-company-id [HEADER] [REQUIRED]** "string" Valid Company ID

page **[OPTIONAL]** Only used to sort Table Chart

sort\_field **[OPTIONAL]** Only used to sort Table Chart

sort\_order **[OPTIONAL]** Only used to sort Table Chart

filters **[OPTIONAL]**

## PAYLOAD

{

"dataset\_id": "string", **[REQUIRED]** Valid Dataset ID

"title": "string", **[REQUIRED]** Just put any value like "test"

"chart\_type": "string", **[REQUIRED]** Has specific values. See following detail

"chart\_configuration": " [object] " **[REQUIRED]** Depends on chart\_type. See following

"preferences": { **[OPTIONAL]** Only used to sort Horizontal Charts

"sorting": {

"sort\_field" : "string",

"sort\_order": 0 | 1 | -1, 1: Asc, -1: Desc, 0: unsorted

}

"stacked: "boolean", Only for Bar Charts

"groupStacked": "boolean", Only for Bar Charts

"multipleScale": "boolean" Only for Line Charts

},

"tags": ["string"] **[OPTIONAL]** Can be omitted

}

### chart\_type

Can have following values:

"card" | "pie" | "vertical" | "horizontal" | "doughnut" | "line" | "gauge" | "table" | "line\_bar"

### chart\_configuration

"vertical" | "horizontal" | "line" | "line\_bar"

export *interface* ChartConfig\_BAR {

config\_type: *string*; // discriminatory field - value must be "bar\_chart\_config"

background\_colors: *string*[];

border\_colors: *string*[];

dimension\_field: *string*;

dimension\_aggregation?: DimensionAggregationType;

metrics: ChartMetric[];

thresholds?: ChartThreshold[];

breakdown?: *string*;

}

*type* DimensionAggregationType = "minutes" | "hours" | "days" | "weeks" | "months" | "quarters" | "years"

*type* MetricAggregationType = "count" | "auto" | "count\_distinct" | "sum" | "avg" | "min" | "max" | "variance" | "std\_dev"

export *interface* ChartMetric {

metric\_field: *string*;

metric\_aggregation: MetricAggregationType;

}

"pie" | "doughnut"

export *interface* ChartConfig\_PIE {

config\_type: *string*; // discriminatory field - value must be "pie\_chart\_config"

dimension\_field: *string*;

metric\_field: *string*;

metric\_aggregation: MetricAggregationType;

background\_colors: *string*[]; // Note: In the Pie Chart we don't use the colors

border\_colors: *string*[]; // Note: In the Pie Chart we don't use the colors

}

export *interface* ChartConfig\_CARD {

config\_type: *string*; // discriminatory field - value must be "kpi\_card\_config"

metric\_field: *string*;

metric\_aggregation: MetricAggregationType;

background\_colors: *string*[]; // Note: In the CARD Chart we don't use the colors

border\_colors: *string*[]; // Note: In the CARD Chart we don't use the colors

}

export *interface* ChartConfig\_GAUGE {

config\_type: *string*; // discriminatory field - value must be "gauge\_chart\_config"

metric\_field: *string*;

metric\_aggregation: MetricAggregationType;

thresholds: ChartThreshold[];

lowerlimit?: *number* | *null*;

upperlimit?: *number* | *null*;

background\_colors: *string*[];

border\_colors: *string*[];

}

export *interface* ChartConfig\_TABLE {

config\_type: *string*; // discriminatory field - value must be "table\_chart\_config"

dimension\_field: *string* | *string*[]; // Categorical

metrics: ChartMetric[];

background\_colors: *string*[];

border\_colors: *string*[];

}