great_expectations	Home / Validations / GTTest2 /none_

Overview

Statistics

Data asset: None

Status: Succeeded

Evaluated Expectations

Successful Expectations

Success Percent

Show more info...

Status

data_max

Status

Unsuccessful Expectations

Table-Level Expectations

Expectation

76004 rows.

Expectation

-48.28739547729492

Quantile Min Value

25.870397567749023

34620.575060338226

93853.56373709312

254.0

Q1

Q3

Expectation Suite: GTTest2

/ 2022-11-12T15:30:30Z

Must have greater than or equal to 76004 and less than or equal to

Must have at least these columns (in any order): minute_offsets,

pct_missing, size_y, urcrnrlon, height_m, event_id, id, time_utc

file_name <mark>, event_type , data_max , llcrnrlat , file_index , size_x</mark> ,

quantiles must be within the following value ranges.

Median 25.870397567749023 25.870397567749023

img_type , (Ilcrnrlon , urcrnrlat , width_m , episode_id , proj , data_min

111

111

100%

Search

Search

Observed Value

≈-48.28739548

0% unexpected

0.1532760560512542

Median 25.870397567749023

254.0

935036

Q3

≈25.87039757

≈34620.57506

≈93853.56374

Search

Observed Value

≈-31718.41602

≈18.26926994

0% unexpected

Quantile Value

Median 0.0

≈-31.57511366

≈474.0938475

Search

Observed Value

0% unexpected

0% unexpected

0% unexpected

≈0.000480653689

8

Search

Observed Value

100% not null

0% unexpected

Quantile Value

Median 384000.0

384000.0

384000.0

384000

384000

Q1

Q3

384000

384000

0% unexpected

≈0.00001315720225

0

1

Search

Observed Value

100% not null

≈22.03771941

≈47.64519525

0% unexpected

Quantile Value

≈35.90351723

≈35.887213

≈5.594122687

Search

Observed Value

100% not null

≈-127.2360231

≈-69.59615266

0% unexpected

Quantile Value

≈-93.6101033

≈-95.0955553

≈12.52170887

Search

Observed Value

100% not null

0% unexpected

Quantile Value

Median 0.0

≈0.00355219238

≈0.03214472504

0.0

0.0

0

1

Q1

Q3

0

Search

Observed Value

100% not null

0% unexpected

0% unexpected

0% unexpected

≈0.00001315720225

Observed Value

100% not null

0% unexpected

Quantile Value

Median 192

≈316.4542919

≈238.8183268

0% unexpected

≈0.00005262880901

Observed Value

100% not null

0% unexpected

Quantile Value

Median 192

≈316.4542919

≈238.8183268

0% unexpected

≈0.00005262880901

192

384

192

384

1

Search

48

768

Q1

Q3

192

4

Search

48

768

Q1

Q3

192

4

Search

Observed Value

100% not null

≈24.88471165

≈51.8967724

0% unexpected

Quantile Value

≈39.16108782

≈39.10037507

≈5.636998305

Search

Observed Value

100% not null

≈-124.0920089

≈-62.92389387

0% unexpected

Quantile Value

≈-88.82070045

≈-90.5015281

≈13.10333879

Search

Observed Value

100% not null

0% unexpected

Quantile Value

Median 384000.0

384000.0

384000.0

384000

384000

Q1

Q3

384000

384000

0% unexpected

≈0.00001315720225

0

1

Q1

Q3

-97.6054098345261

-80.64909018058297

Median -88.82070045499479

34.78448218289119

43.301251558311776

Median 39.16108782439054

Q1

Q3

-101.95866854645936

-85.50213715244381

Median -93.61010329974404

Q1

Q3

Q1

Q3

31.504089053000357

40.25077938682679

Median 35.90351723295371

0.0

-54.34331130981445

Q1

Q3

0

Observed Value

['id', 'file_name', 'file_index', 'img_type', 'time_utc',

'llcrnrlon', 'urcrnrlat', 'urcrnrlon', 'proj', 'size_x', 'size_y',

'height_m', 'width_m', 'data_min', 'data_max', 'pct_missing']

'minute_offsets', 'episode_id', 'event_id', 'event_type', 'llcrnrlat',

76004

0

minimum value must be greater than or equal to -48.28739547729492 and less than or equal to

maximum value must be greater than or equal to 935036.0 and less than or equal to 935036.0.

values must be greater than or equal to -48.28739547729492 and less than or equal to 935036.0

Max Value

254.0

Max Value

-54.34331130981445 | -54.34331130981445

0.0

0.0

median must be greater than or equal to 25.870397567749023 and less than or equal to

0.1532760560512542 | 0.1532760560512542

expectations. Actions Validation Filter: Failed Show Only All

Expectation

Validation Result

Evaluates whether a

batch of data matches

How to Edit This Suite Show Walkthrough **Table of Contents**

Overview

Table-Level Expectat ions data_max data_min event_type height_m

Ilcrnrlat

Ilcrnrlon

proj

size_x

pct_missing

size_y urcrnrlat urcrnrlon width_m

data_min **Status**

mean must be greater than or equal to 34620.575060338226 and less than or equal to standard deviation must be greater than or equal to 93853.56373709312 and less than or equal to Expectation minimum value must be greater than or equal to -31718.416015625 and less than or equal to

-31718.416015625 maximum value must be greater than or equal to 18.269269943237305 and less than or equal to 18.269269943237305 values must be greater than or equal to 31718.416015625 and less than or equal to 18.269269943237305 quantiles must be within the following value ranges. Quantile Min Value Q1 Q3

Median 0.0 0.0 median must be greater than or equal to 0.0 and less than or equal to 0.0. mean must be greater than or equal to -31.57511366016406 and less than or equal to -31.57511366016406 standard deviation must be greater than or equal to 474.0938475499443 and less than or equal to 474.0938475499443 **Expectation** values must always be greater than or equal to 4 and less than or equal to 17 characters long. values must match this regular expression: (?:[A-Fa-f0-9]){0,4}(?: ?:? ?(?:[A-Fa-f0-9]){0,4}){0,7}. values must belong to this set: Lightning Flash Flood Hail Funnel Cloud Thunderstorm Wind Heavy Rain Tornado Flood must have greater than or equal to 8 and less than or equal to 8 unique values. fraction of unique values must be exactly 0.0004806536890170632

event_type **Status Expectation** values must never be null. minimum value must be greater than or equal to 384000.0 and less than or equal to 384000.0

height_m **Status** maximum value must be greater than or equal to 384000.0 and less than or equal to 384000.0 values must be greater than or equal to 384000.0 and less than or equal to 384000.0. quantiles must be within the following value ranges.

Quantile Min Value Max Value

384000.0

384000.0

Q1

Q3

Median

Expectation

values must never be null.

22.037719406438192

47.6451952545839

47.6451952545839

Quantile Min Value

35.90351723295371

5.594122687133443

Expectation

values must never be null.

-127.23602309043991

-69.59615266178442

-69.59615266178442

Quantile Min Value

-93.61010329974404

12.521708865404293

Expectation

Q1

Q3

Median

values must never be null.

Median -93.61010329974404

-85.50213715244381

Q1

Q3

quantiles must be within the following value ranges.

Median 35.90351723295371

40.25077938682679

Q1

Q3

Ilcrnrlat

Status

Ilcrnrlon

Status

pct_missing

Status

proj

Status

size_x

Status

size_y

Status

Status

urcrnrlon

Status

width_m

Status

Expectation

Q1

Q3

Median

values must never be null.

384000.0

384000.0

median must be greater than or equal to 384000.0 and less than or equal to 384000.0.

mean must be greater than or equal to 384000.0 and less than or equal to 384000.0.

must have greater than or equal to 1 and less than or equal to 1 unique values.

minimum value must be greater than or equal to 22.037719406438192 and less than or equal to

maximum value must be greater than or equal to 47.6451952545839 and less than or equal to

values must be greater than or equal to 22.037719406438192 and less than or equal to

35.90351723295371

40.25077938682679

mean must be greater than or equal to 35.88721299948126 and less than or equal to 35.88721299948126

standard deviation must be greater than or equal to 5.594122687133443 and less than or equal to

minimum value must be greater than or equal to -127.23602309043991 and less than or equal to

maximum value must be greater than or equal to 69.59615266178442 and less than or equal to

values must be greater than or equal to -127.23602309043991 and less than or equal to

Max Value

-93.61010329974404

-85.50213715244381

mean must be greater than or equal to -95.0955555304342 and less than or equal to -95.095555304342

standard deviation must be greater than or equal to 12.521708865404293 and less than or equal to

median must be greater than or equal to -93.61010329974404 and less than or equal to

minimum value must be greater than or equal to 0.0 and less than or equal to 0.0.

maximum value must be greater than or equal to 1.0 and less than or equal to 1.0.

values must be greater than or equal to 0.0 and less than or equal to 1.0.

median must be greater than or equal to 0.0 and less than or equal to 0.0.

mean must be greater than or equal to 0.0035521923797756753 and less than or equal to 0.0035521923797756753.

standard deviation must be greater than or equal to 0.032144725044105205 and less than or equal to

values must always be greater than or equal to 68 and less than or equal to 68 characters long.

values must belong to this set: +proj=laea +lat_0=38 +lon_0=-98 +units=m +a=6370997.0 +ellps=sphere

must have greater than or equal to 1 and less than or equal to 1 unique values.

minimum value must be greater than or equal to 48 and less than or equal to 48.

maximum value must be greater than or equal to 768 and less than or equal to 768.

values must be greater than or equal to 48 and less than or equal to 768.

median must be greater than or equal to 192.0 and less than or equal to 192.0.

must have greater than or equal to 4 and less than or equal to 4 unique values.

minimum value must be greater than or equal to 48 and less than or equal to 48.

maximum value must be greater than or equal to [768] and less than or equal to [768].

values must be greater than or equal to 48 and less than or equal to 768.

median must be greater than or equal to 192.0 and less than or equal to 192.0.

maximum value must be greater than or equal to 51.89677240465032 and less than or equal to

values must be greater than or equal to 24.88471165440152 and less than or equal to

Max Value

median must be greater than or equal to 39.16108782439054 and less than or equal to

mean must be greater than or equal to 39.10037506511727 and less than or equal to 39.10037506511727

standard deviation must be greater than or equal to 5.636998305059682 and less than or equal to

minimum value must be greater than or equal to -124.09200893291904 and less than or equal to

maximum value must be greater than or equal to 62.923893868831385 and less than or equal to

values must be greater than or equal to -124.09200893291904 and less than or equal to

median must be greater than or equal to -88.82070045499482 and less than or equal to

mean must be greater than or equal to -90.50152810067227 and less than or equal to -90.50152810067227

standard deviation must be greater than or equal to 13.1033387860828 and less than or equal to

minimum value must be greater than or equal to 384000.0 and less than or equal to 384000.0.

maximum value must be greater than or equal to 384000.0 and less than or equal to 384000.0.

values must be greater than or equal to 384000.0 and less than or equal to 384000.0.

median must be greater than or equal to 384000.0 and less than or equal to 384000.0.

mean must be greater than or equal to 384000.0 and less than or equal to 384000.0.

must have greater than or equal to 1 and less than or equal to 1 unique values.

fraction of unique values must be exactly 1.3157202252513026e-05

standard deviation must be greater than or equal to 0.0 and less than or equal to 0.0.

quantiles must be within the following value ranges.

384000.0

384000.0 384000.0

384000.0 384000.0

values must belong to this set: 384000.0

Quantile Min Value Max Value

384000.0

Max Value

-97.6054098345261 -97.6054098345261

-80.64909018058297 -80.64909018058297

34.78448218289119 34.78448218289119

43.301251558311776 43.301251558311776

quantiles must be within the following value ranges.

Median 39.16108782439054 39.16108782439054

quantiles must be within the following value ranges.

192

192

384

Quantile Min Value Max Value

192

192

384

mean must be greater than or equal to 316.45429187937475 and less than or equal to 316.45429187937475.

standard deviation must be greater than or equal to 238.818326779341 and less than or equal to 238.818326779341.

quantiles must be within the following value ranges.

192

192

384

values must belong to this set: 48 768 384 192.

fraction of unique values must be exactly 5.2628809010052104e-05

Quantile Min Value Max Value

192

192

384

fraction of unique values must be exactly 1.3157202252513026e-05.

values must match this regular expression: (?:25[0-5]|2[0-4]\d|[01]\d{2}|\d{1,2})(?:.(?:25[0-5]|2[0-4]\d|[01]\d{2}|\d{1,2}))(3).

quantiles must be within the following value ranges.

0.0

0.0

0.0

Quantile Min Value Max Value

0.0

0.0

0.0

0.032144725044105205

Expectation

Expectation

Q1

Q3

Median

values must never be null.

values must never be null.

-101.95866854645936 -101.95866854645936

median must be greater than or equal to 35.90351723295371 and less than or equal to

Max Value

31.504089053000357 31.504089053000357

quantiles must be within the following value ranges.

fraction of unique values must be exactly 1.3157202252513026e-05

standard deviation must be greater than or equal to [0.0] and less than or equal to [0.0].

384000.0 384000.0

values must belong to this set: 384000.0

mean must be greater than or equal to 316.45429187937475 and less than or equal to 316.45429187937475. standard deviation must be greater than or equal to 238.818326779341 and less than or equal to 238.818326779341. values must belong to this set: 48 768 384 192. must have greater than or equal to 4 and less than or equal to 4 unique values. fraction of unique values must be exactly 5.2628809010052104e-05 urcrnrlat Expectation values must never be null. minimum value must be greater than or equal to 24.88471165440152 and less than or equal to 24.88471165440152

51.89677240465032

51.89677240465032

Quantile Min Value

39.16108782439054

5.636998305059682

Expectation

values must never be null.

-124.09200893291904

-62.923893868831385

-62.923893868831385

Quantile Min Value

-88.82070045499482

13.1033387860828

Expectation

Q1

Q3

Median

values must never be null.

Q1

Q3

quantiles must be within the following value ranges.

Median | -88.82070045499479 | -88.82070045499479

Q1

Q3