

Expectation Validation Result

Evaluates whether a batch of data matches expectations.

Actions

Validation Filter:

Show All

Failed Only

✎ How to Edit This Suite

Show Walkthrough

Table of Contents

Overview

Expectation Suite: [getting_started_expectation_suite_taxi.demo](#)

Data asset: None

Status: ✖ Failed

Statistics	
Evaluated Expectations	13
Successful Expectations	5
Unsuccessful Expectations	8
Success Percent	≈38.46%

[Show more info...](#)

Table-Level Expectations		
<div>Search</div>		
Status	Expectation	Observed Value
✔	Must have greater than or equal to 10000 and less than or equal to 10000 rows.	10000
✔	Must have at least these columns (in any order): total_amount , mta_tax , congestion_surcharge , trip_distance , dropoff_location_id , pickup_datetime , tip_amount , extra , vendor_id , dropoff_datetime , rate_code_id , store_and_fwd_flag , improvement_surcharge , passenger_count , payment_type , tolls_amount , fare_amount , pickup_location_id	['vendor_id', 'pickup_datetime', 'dropoff_datetime', 'passenger_count', 'trip_distance', 'rate_code_id', 'store_and_fwd_flag', 'pickup_location_id', 'dropoff_location_id', 'payment_type', 'fare_amount', 'extra', 'mta_tax', 'tip_amount', 'tolls_amount', 'improvement_surcharge', 'total_amount', 'congestion_surcharge']
passenger_count		

Search

Status	Expectation	Observed Value		
✔	values must never be null.	100% not null		
✖	minimum value must be greater than or equal to 1 and less than or equal to 1.	0		
✔	maximum value must be greater than or equal to 6 and less than or equal to 6.	6		
✖	<div> <div>values must be greater than or equal to 1 and less than or equal to 6.</div> <div>1579 unexpected values found. ≈15.79% of 10000 total rows.</div> <div> <div>Sampled Unexpected ValuesCount</div> <table> <tr> <td>0</td> <td>20</td> </tr> </table> </div> </div>	0	20	≈15.79% unexpected
0	20			

Status	Expectation	Observed Value																							
✖	<p>quantiles must be within the following value ranges.</p> <table><tr><td></td><td>Min</td><td>Max</td></tr><tr><td>Quantile</td><td>Value</td><td>Value</td></tr><tr><td>Q1</td><td>1</td><td>1</td></tr><tr><td>Median</td><td>1</td><td>1</td></tr><tr><td>Q3</td><td>2</td><td>2</td></tr></table>		Min	Max	Quantile	Value	Value	Q1	1	1	Median	1	1	Q3	2	2	<table><tr><td>Quantile</td><td>Value</td></tr><tr><td>Q1</td><td>1</td></tr><tr><td>Median</td><td>1</td></tr><tr><td>Q3</td><td>1</td></tr></table>	Quantile	Value	Q1	1	Median	1	Q3	1
	Min	Max																							
Quantile	Value	Value																							
Q1	1	1																							
Median	1	1																							
Q3	2	2																							
Quantile	Value																								
Q1	1																								
Median	1																								
Q3	1																								
✔	median must be greater than or equal to 1.0 and less than or equal to 1.0.	1																							
✖	mean must be greater than or equal to 1.5716 and less than or equal to 1.5716.	1.3577																							
✖	standard deviation must be greater than or equal to 1.1985896302363754 and less than or equal to 1.1985896302363754.	≈1.268507635																							
✖	<p>values must belong to this set: 1 2 3 4 5 6.</p> <p>1579 unexpected values found. ≈15.79% of 10000 total rows.</p> <table><tr><td>Sampled Unexpected Values</td><td>Count</td></tr><tr><td>0</td><td>20</td></tr></table>	Sampled Unexpected Values	Count	0	20	≈15.79% unexpected																			
Sampled Unexpected Values	Count																								
0	20																								
✖	must have greater than or equal to 6 and less than or equal to 6 unique values.	7																							
✖	fraction of unique values must be exactly 0.0006.	0.0007																							