Data Visualization

Submitted By:

Naresh Kumar Pendyala

11013408

Question 1, 7

Date Analysis 0.1

Analysis Result

Analysis Summary

Connection: Football
Table(s): metadata
View(s):

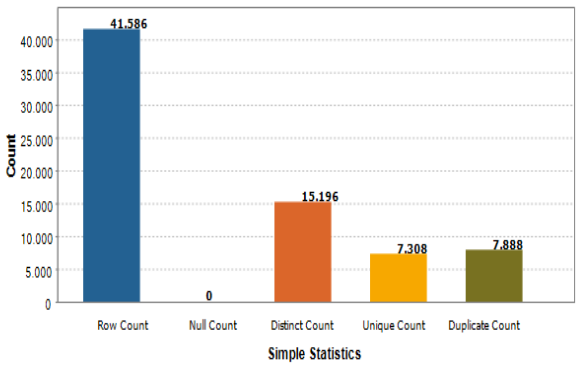
Creation Date: 24.05.2020, 17:33:11
Execution Date: 24.05.2020, 17:34:26
Execution Duration: 1.528 s
Execution Status: success
Number of Execution: 2
Last Successful Execution: 2

Analysis Results

Column: metadata.date

Simple Statistics

Label	Count	%
Row Count	41586	100.00%
Null Count	0	0.00%
Distinct Count	15196	36.54%
Unique Count	7308	17.57%
Duplicate Count	7888	18.97%



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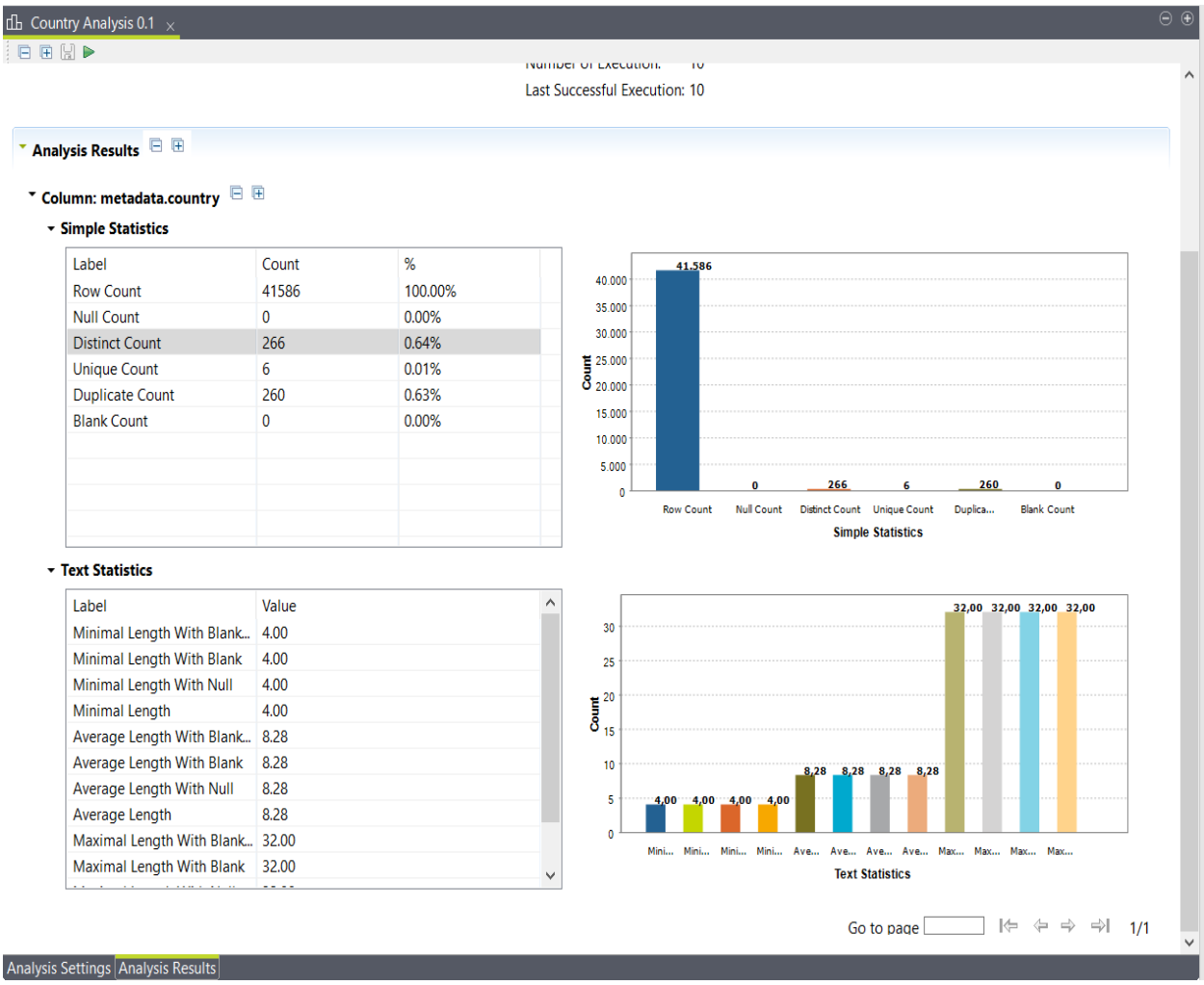
Analysis Settings | Analysis Results


Country Analysis 0.1
Last Successful Execution: 10
Analysis Results
Column: metadata.country
Simple Statistics
Label | Count | %
Row Count | 41586 | 100.00%
Null Count | 0 | 0.00%
Distinct Count | 266 | 0.64%
Unique Count | 6 | 0.01%
Duplicate Count | 260 | 0.63%
Blank Count | 0 | 0.00%
41.586
0
266
6
260
0
Row Count
Null Count
Distinct Count
Unique Count
Duplica...
Blank Count
Count
Simple Statistics
Text Statistics
Label | Value
Minimal Length With Blank... | 4.00
Minimal Length With Blank | 4.00
Minimal Length With Null | 4.00
Minimal Length | 4.00
Average Length With Blank... | 8.28
Average Length With Blank | 8.28
Average Length With Null | 8.28
Average Length | 8.28
Maximal Length With Blank... | 32.00
Maximal Length With Blank | 32.00
4,00
8,28
32,00
Text Statistics
Go to page
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Analysis Settings
Analysis Results

City Analysis 0.1

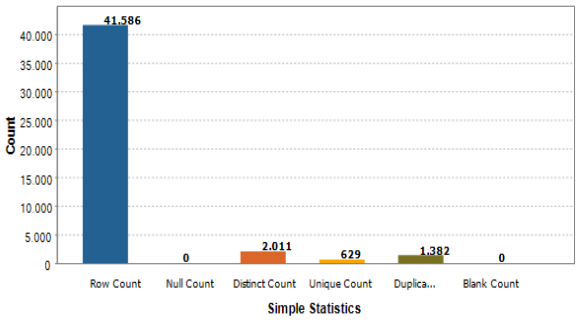
Last Successful Execution: 9

Analysis Results

Column: metadata.city

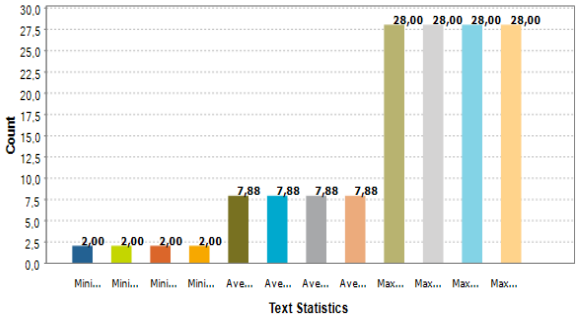
Simple Statistics

Label	Count	%
Row Count	41586	100.00%
Null Count	0	0.00%
Distinct Count	2011	4.84%
Unique Count	629	1.51%
Duplicate Count	1382	3.32%
Blank Count	0	0.00%



Text Statistics

Label	Value
Minimal Length With Blank...	2.00
Minimal Length With Blank	2.00
Minimal Length With Null	2.00
Minimal Length	2.00
Average Length With Blank...	7.88
Average Length With Blank	7.88
Average Length With Null	7.88
Average Length	7.88
Maximal Length With Blank...	28.00
Maximal Length With Blank	28.00



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Analysis Settings | Analysis Results

Away Score Analysis 0.1

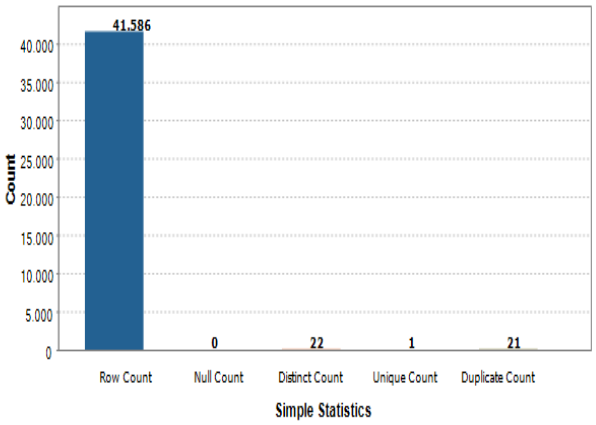
Last Successful Execution: 7

Analysis Results

Column: metadata.away_score

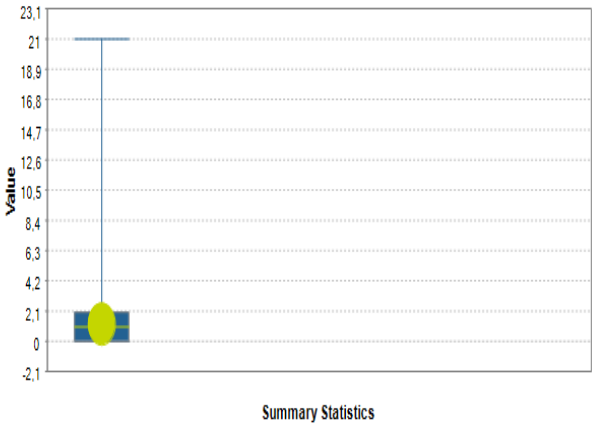
Simple Statistics

Label	Count	%
Row Count	41586	100.00%
Null Count	0	0.00%
Distinct Count	22	0.05%
Unique Count	1	2.405E-3%
Duplicate Count	21	0.05%



Summary Statistics

Label	Value
Mean	1.187587168758717
Median	1.0
Inter Quartile Range	2.0
Lower Quartile	0.0
Upper Quartile	2.0
Range	21.0
Minimum	0
Maximum	21



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Analysis Settings | Analysis Results

Away Team Analysis 0.1

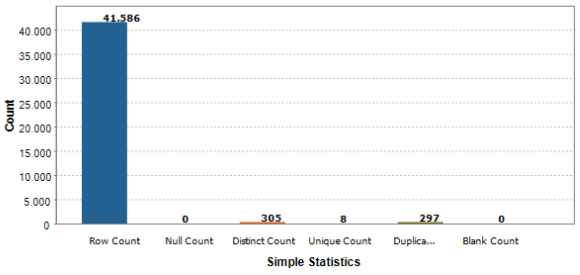
Last Successful Execution: 5

Analysis Results

Column: metadata.away_team

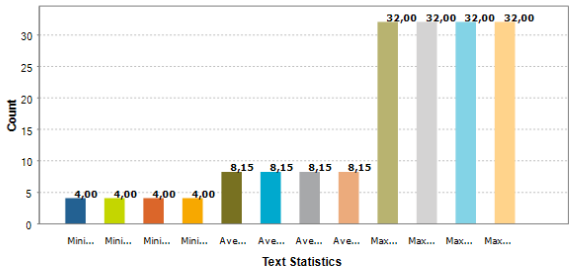
Simple Statistics

Label	Count	%
Row Count	41586	100.00%
Null Count	0	0.00%
Distinct Count	305	0.73%
Unique Count	8	0.02%
Duplicate Count	297	0.71%
Blank Count	0	0.00%



Text Statistics

Label	Value
Minimal Length With Blank...	4.00
Minimal Length With Blank	4.00
Minimal Length With Null	4.00
Minimal Length	4.00
Average Length With Blank...	8.15
Average Length With Blank	8.15
Average Length With Null	8.15
Average Length	8.15
Maximal Length With Blank...	32.00
Maximal Length With Blank	32.00



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Analysis Settings | Analysis Results

Tournament Analysis 0.1

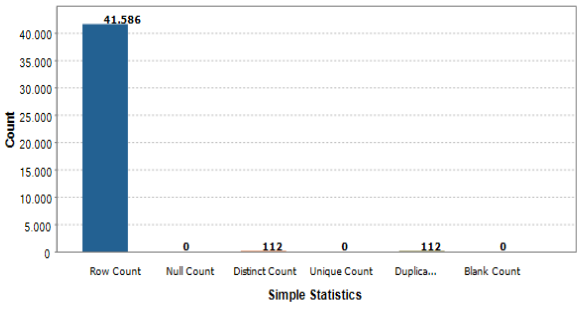
Last Successful Execution: 8

Analysis Results

Column: metadata.tournament

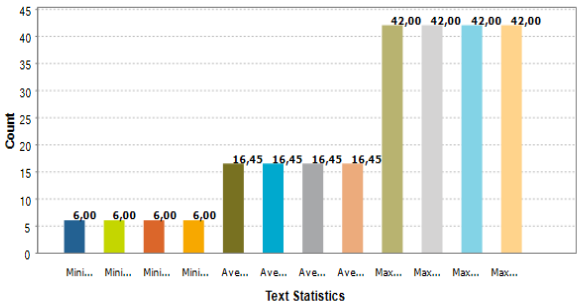
Simple Statistics

Label	Count	%
Row Count	41586	100.00%
Null Count	0	0.00%
Distinct Count	112	0.27%
Unique Count	0	0.00%
Duplicate Count	112	0.27%
Blank Count	0	0.00%



Text Statistics

Label	Value
Minimal Length With Blank...	6.00
Minimal Length With Blank	6.00
Minimal Length With Null	6.00
Minimal Length	6.00
Average Length With Blank...	16.45
Average Length With Blank	16.45
Average Length With Null	16.45
Average Length	16.45
Maximal Length With Blank...	42.00
Maximal Length With Blank	42.00



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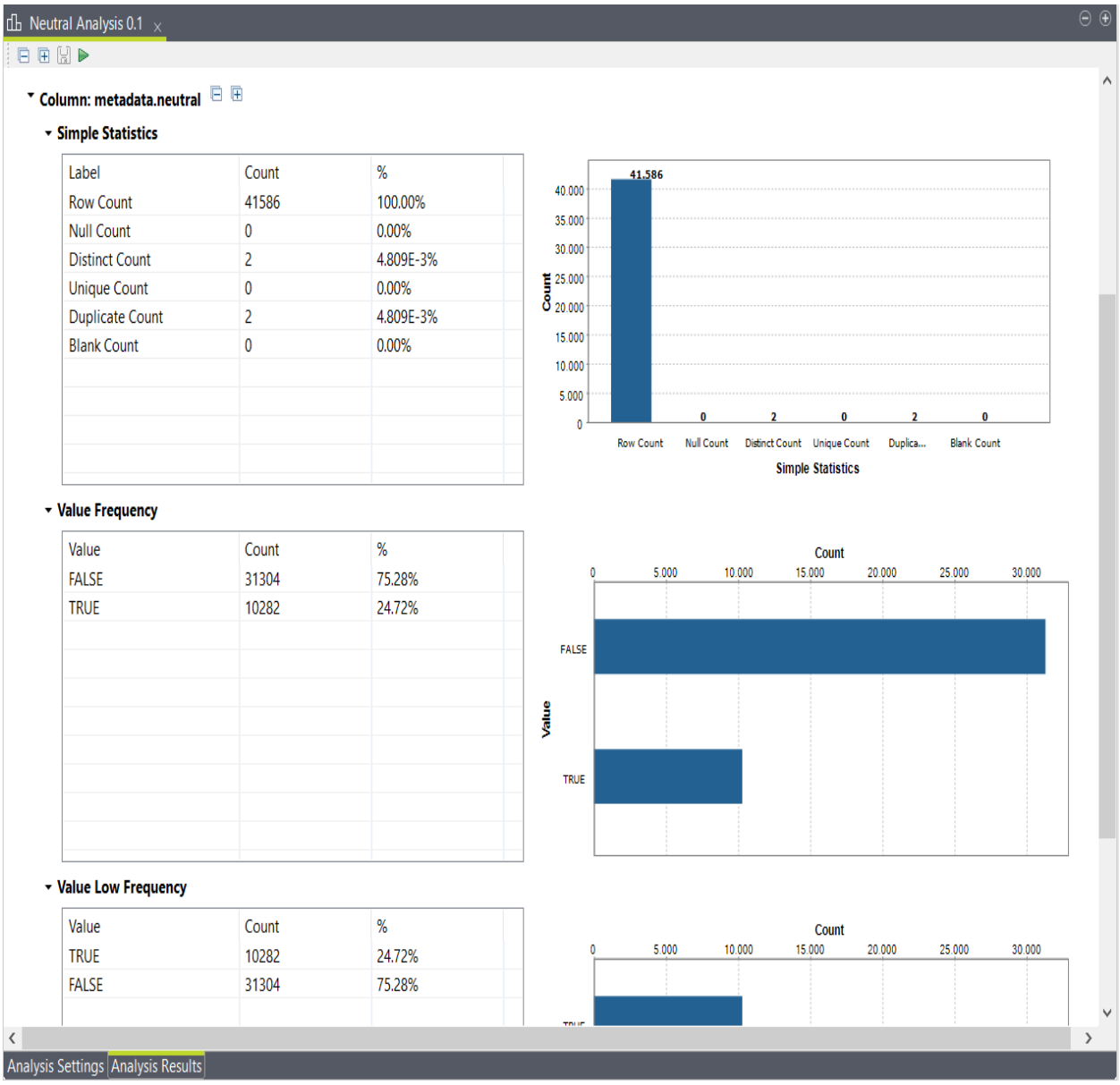
Analysis Settings | Analysis Results


Neutral Analysis 0.1
Column: metadata.neutral
Simple Statistics
Label Count %
Row Count 41586 100.00%
Null Count 0 0.00%
Distinct Count 2 4.809E-3%
Unique Count 0 0.00%
Duplicate Count 2 4.809E-3%
Blank Count 0 0.00%
41.586
Count
Row Count
Null Count
Distinct Count
Unique Count
Duplica...
Blank Count
Simple Statistics
Value Frequency
Value Count %
FALSE 31304 75.28%
TRUE 10282 24.72%
Count
Value
FALSE
TRUE
Value Low Frequency
Value Count %
TRUE 10282 24.72%
FALSE 31304 75.28%
Count
Analysis Settings
Analysis Results

Home Team Analysis 0.1

Number of Execution: 4

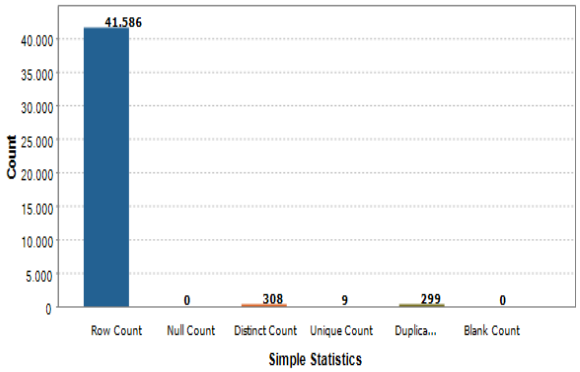
Last Successful Execution: 4

Analysis Results

Column: metadata.home_team

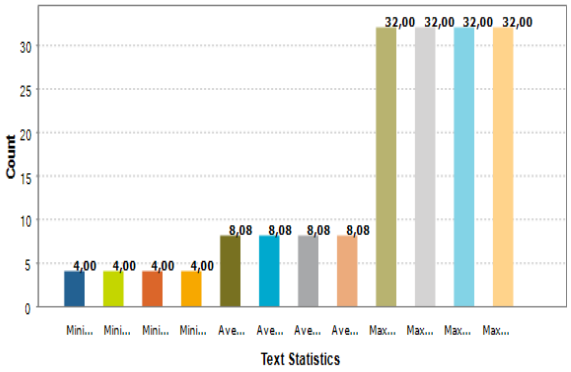
Simple Statistics

Label	Count	%
Row Count	41586	100.00%
Null Count	0	0.00%
Distinct Count	308	0.74%
Unique Count	9	0.02%
Duplicate Count	299	0.72%
Blank Count	0	0.00%



Text Statistics

Label	Value
Minimal Length With Blank...	4.00
Minimal Length With Blank	4.00
Minimal Length With Null	4.00
Minimal Length	4.00
Average Length With Blank...	8.08
Average Length With Blank	8.08
Average Length With Null	8.08
Average Length	8.08
Maximal Length With Blank...	32.00
Maximal Length With Blank	32.00



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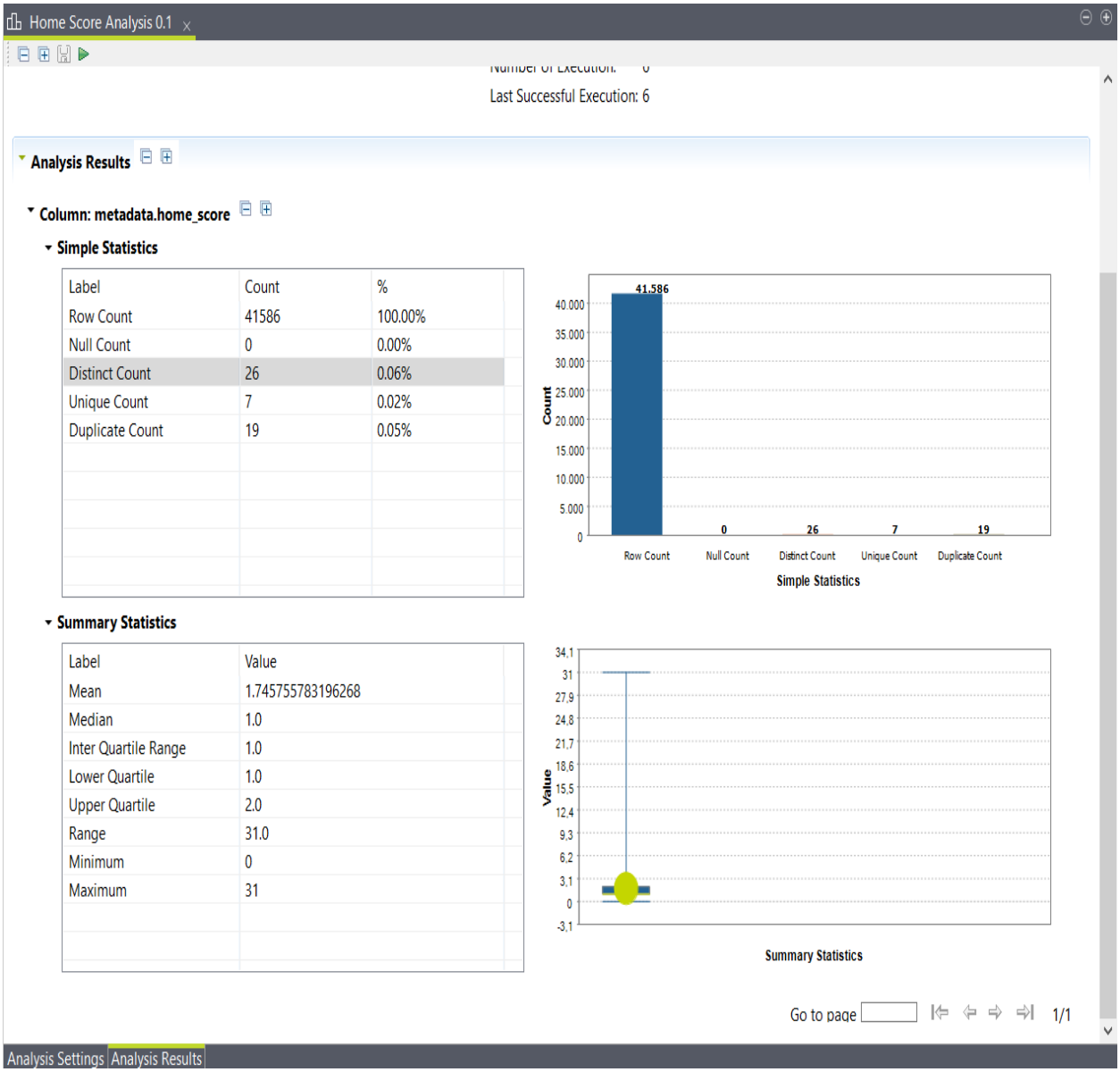
Analysis Settings | Analysis Results


Home Score Analysis 0.1
Last Successful Execution: 6
Analysis Results
Column: metadata.home_score
Simple Statistics
Label | Count | %
Row Count | 41586 | 100.00%
Null Count | 0 | 0.00%
Distinct Count | 26 | 0.06%
Unique Count | 7 | 0.02%
Duplicate Count | 19 | 0.05%
41.586
Count
Row Count
Null Count
Distinct Count
Unique Count
Duplicate Count
Simple Statistics
Summary Statistics
Label | Value
Mean | 1.745755783196268
Median | 1.0
Inter Quartile Range | 1.0
Lower Quartile | 1.0
Upper Quartile | 2.0
Range | 31.0
Minimum | 0
Maximum | 31
Value
Summary Statistics
Go to page
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Analysis Settings
Analysis Results

Question 2

Persona

Name: Naresh

Profession: Germany Football Manager

Fan Club: Fc Bayern Munich

Age: 25

Marital Status: Single

Motivation: Naresh is a Germany football manager with immense passion, and vision.

Challenges:

To win the 2022 world cup which will be conducted in Qatar.

Needs/Wants:

He wants the star, and young talented players.

The main XI should get the more game play, and opportunities in domestic leagues to persist their form.

Need the new, effective and counter tactics like 2014 semifinal where Germany trashed Brazil 7-1.

Question 3

What does your audience care about?

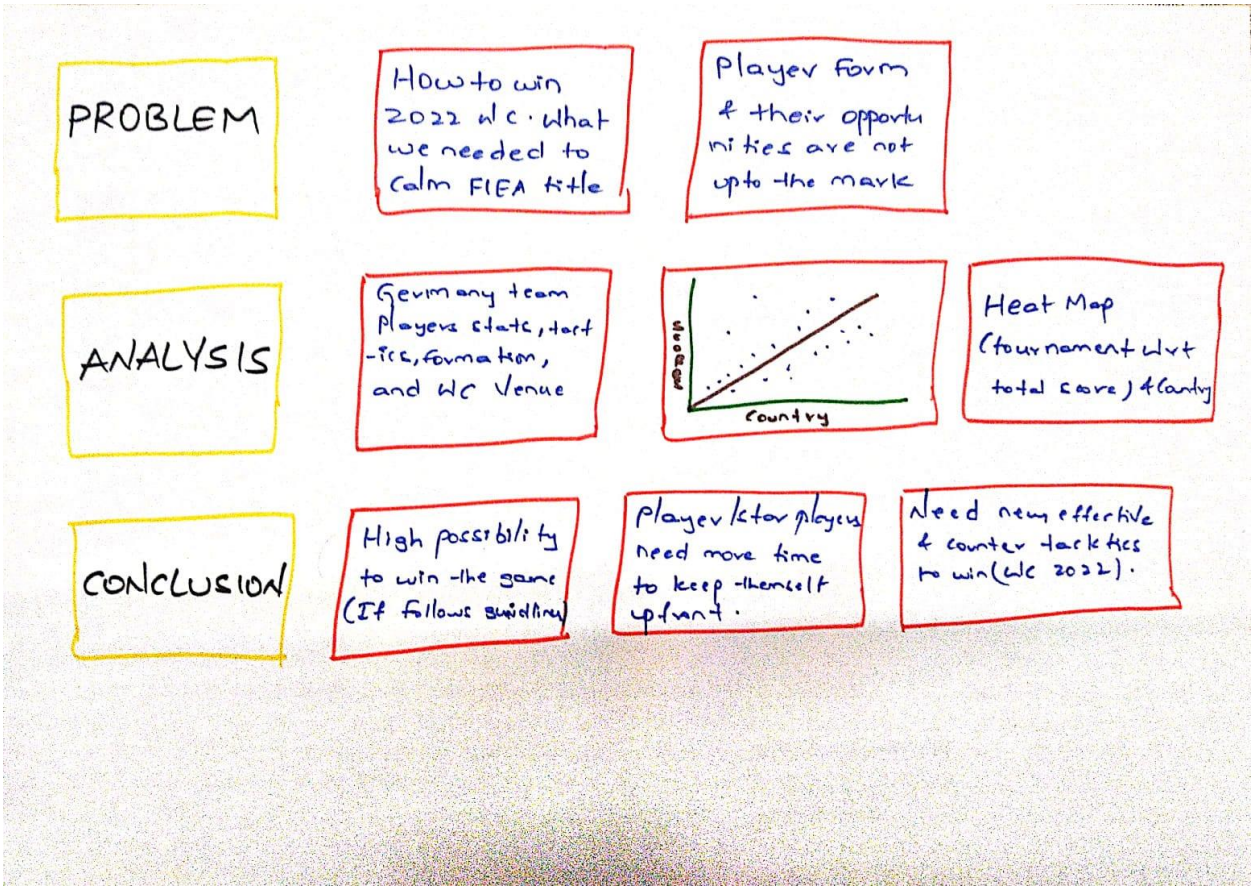
- The audience main motive to claim the 2022 world cup title.
- The manager desiring to bring new and an effective tactics into the game to win the world cup 2022.

Question 4

What are the benefits if your audience acts in the way that you want them to?

- By manipulating the current tactics with 2014, 2006, and 2000 tactics then they can easily achieve what they want.
- If they follow our guidance, they there is a chance to win the 2022 world cup.

Question 5


PROBLEM
How to win 2022 wc · What we needed to calm FIFA title
Player form & their opportunities are not upto the mark
ANALYSIS
Germany team Players stats, tactics, formation, and WC Venue
Goals
Country
Heat Map (tournament wise total score) & Country
CONCLUSION
High possibility to win the game (If follows guidline)
Player's star players need more time to keep themself upfront.
Need new effective & counter tactics to win (wc 2022).

Question 6

Data Set Types:

1. Date
2. Text/String
3. Integer/Numeric
4. Boolean/Logical

Number of attributes: 9

1. Date (date)
2. Home Team (string)
3. Away Team (string)
4. Home Score (integer)
5. Away Score (integer)
6. Tournament (string)
7. City (string)
8. Country (string)
9. Neutral (Boolean)

Number of records: 41587