- Home
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- Overview
- Data Report
- LIDA's functions
- LIDA Tasks

Sections

Provider Instruction

Choose your provider and Enter API Key:

Provider

Gemini

Gemini API key:

••

Successfully connected to Gemini!

Tasks:

Functions:

Summarize & Goal

LIDA Tasks

Filter Instruction | Requirements

Instruction:

Temperature

0.00

0.00 1.00

Select Model:

gemini-1.5-flash

Upload a data file in .csv format:

Drag and drop file here

Limit 200MB per file • CSV

Browse files

football.csv 378.1KB

Successfully uploaded a CSV file with 6508 rows of data.

	date	division	home_team	away_team	home_score	away_score
0	2013-07-20	Österreichische Bundesliga	FK Austria Wien	FC Admira Wacker	2	0
1	2013-07-20	Österreichische Bundesliga	SC Wiener Neustadt	FC RB Salzburg	1	5
2	2013-07-20	Österreichische Bundesliga	SV Grodig	SV Ried	0	0
3	2013-07-20	Österreichische Bundesliga	Wolfsberger AC	SK Rapid Wien	2	2
4	2013-07-21	Österreichische Bundesliga	FC Wacker Innsbruck	SK Sturm Graz	2	2

Data cleaned!

Generate Charts

✷ Insight 0:

```
main() Goal Goal(question='How does the average home score and away score vary across different divisions over time?', visualization="Line chart showing average('home_score') and average('away_score') over time ('date'), grouped by 'division'", rationale="This visualization uses the 'date', 'division', 'home_sc...
```

A visualization goal

index int	0
question str	'How does the average home score and away score vary across different divisions over time?'
rationale str	"This visualization uses the 'date', 'division', 'home_score', and 'away_score' fields to analyze trends in scoring across different leagues. The line chart effectively shows changes over time and allows for easy comparison between divisions. This helps identify if scoring patterns are consistent a...
visualization str	"Line chart showing average('home_score') and average('away_score') over time ('date'), grouped by 'division'"

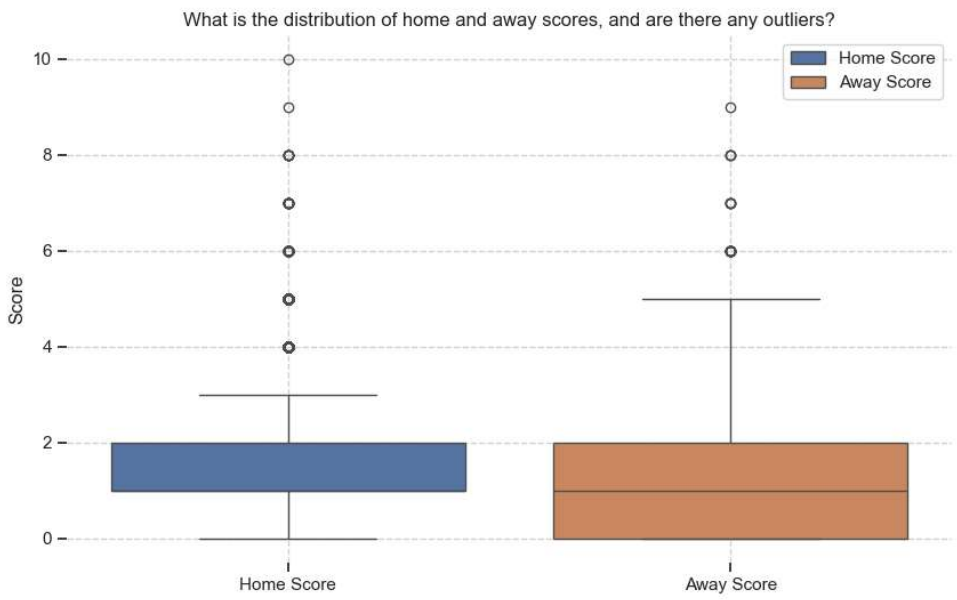
✷ Insight 1:

```
main() Goal Goal(question='What is the distribution of home and away scores, and are there any outliers?', visualization="Box plot of 'home_score' and 'away_score'", rationale="This uses 'home_score' and 'away_score' to show the central tendency, spread, and potential outliers in the scoring data. Box plots are...
```

A visualization goal

index int	1
question str	'What is the distribution of home and away scores, and are there any outliers?'
rationale str	"This uses 'home_score' and 'away_score' to show the central tendency, spread, and potential outliers in the scoring data. Box plots are ideal for identifying unusual scores and comparing the distributions of home and away goals."

visualization str	"Box plot of 'home_score' and 'away_score'"



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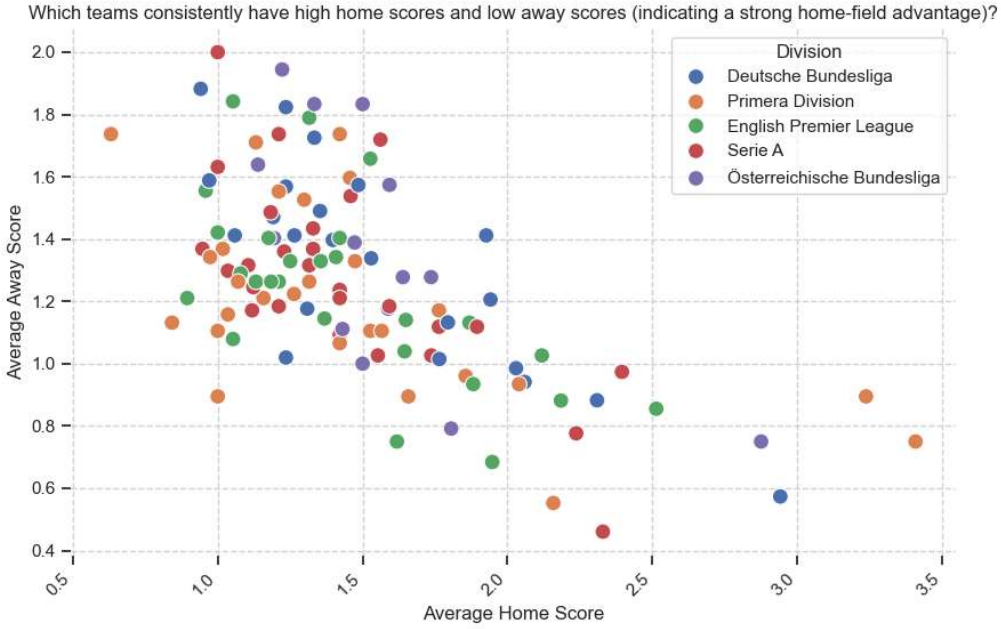
✷ Insight 2:

main() Goal Goal(question='Which teams consistently have high home scores and low away scores (indicating a strong home-field advantage)?', visualization="Scatter plot of average('home_score') vs average('away_score'), with each point representing a team ('home_team'). Color-code points by 'division'.", ration...

A visualization goal

index int	2
question str	'Which teams consistently have high home scores and low away scores (indicating a strong home-field advantage)?'

rationale str	"This visualization uses 'home_team', 'home_score', and 'away_score' to identify teams with a significant home-field advantage. The scatter plot allows for easy visual identification of teams with high average home scores and low average away scores. Color-coding by division adds another layer of a...
visualization str	"Scatter plot of average('home_score') vs average('away_score'), with each point representing a team ('home_team'). Color-code points by 'division'."



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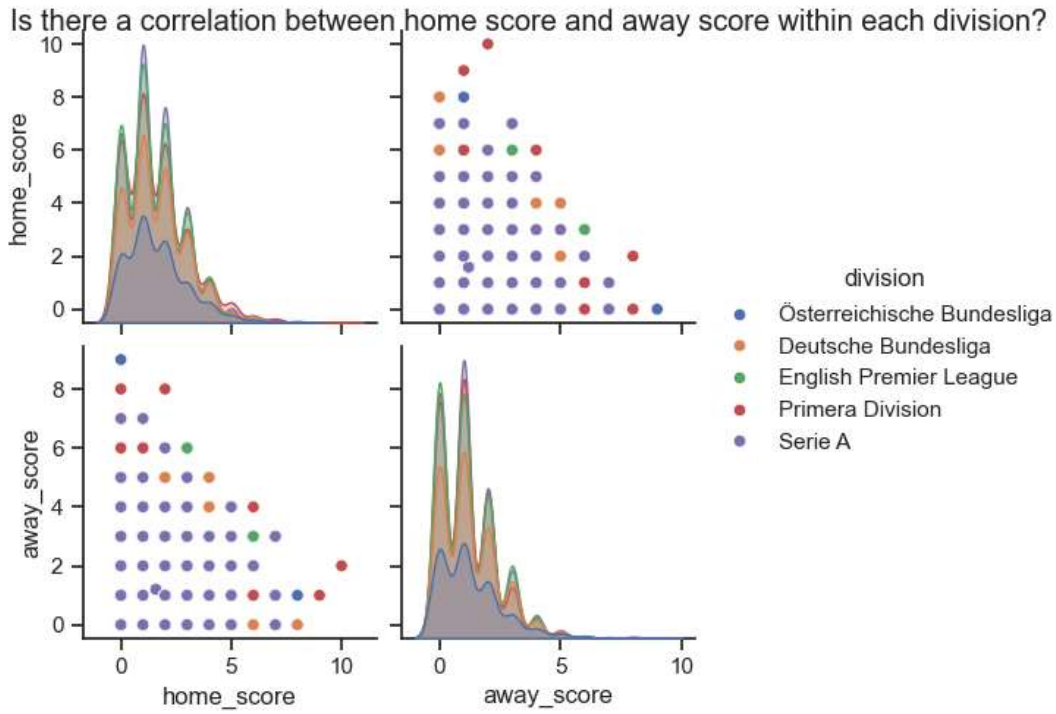
✷ Insight 3:

main() Goal Goal(question='Is there a correlation between home score and away score within each division?', visualization="Scatter plot matrix showing the correlation

between 'home_score' and 'away_score' for each 'division'", rationale="This uses 'home_score', 'away_score', and 'division' to explore the relati...

A visualization goal

index int	3
question str	'Is there a correlation between home score and away score within each division?'
rationale str	"This uses 'home_score', 'away_score', and 'division' to explore the relationship between home and away scores within each league. A scatter plot matrix allows for a quick visual assessment of correlation and potential differences across divisions."
visualization str	"Scatter plot matrix showing the correlation between 'home_score' and 'away_score' for each 'division'"



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✷ Insight 4:

main() Goal Goal(question="How has the average total score ('home_score' + 'away_score') per game changed over time in each division?", visualization="Line chart showing the average('home_score' + 'away_score') over time ('date'), grouped by 'division'", rationale="This visualization uses 'date', 'division', 'h...

A visualization goal

index int	4
question str	"How has the average total score ('home_score' + 'away_score') per game changed over time in each division?"
rationale str	"This visualization uses 'date', 'division', 'home_score', and 'away_score' to track the overall scoring trend in each division. The line chart effectively displays changes in average total scores over time, allowing for easy comparison between leagues and identification of any significant shifts i...
visualization str	"Line chart showing the average('home_score' + 'away_score') over time ('date'), grouped by 'division'"

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