- 🏠 Home
- Dashboard
- Instruction to get API KEY
- 📑 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

0.70

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 and away score vary over time
within each division?', visualization="Line chart showing the rolling average of
'home_score' and 'away_score' over time ('date'), with separate lines for each
'division'.", rationale="This visualization uses 'date', 'division', ...
```

A visualization goal

index int	0
question str	'How does the average home and away score vary over time within each division?'
rationale str	"This visualization uses 'date', 'division', 'home_score', and 'away_score' to identify trends in scoring patterns across different leagues over the entire time period. A rolling average smooths out short-term fluctuations, revealing longer-term trends and potential seasonal effects."
visualization str	"Line chart showing the rolling average of 'home_score' and 'away_score' over time ('date'), with separate lines for each 'division'."

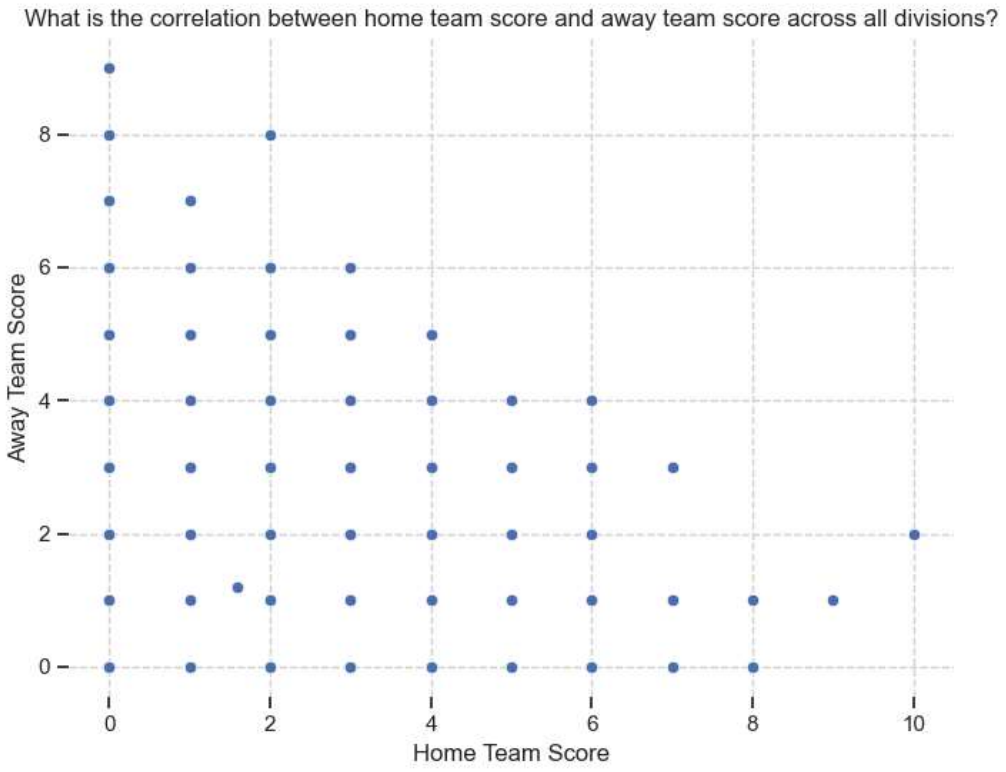
✷ Insight 1:

```
main() Goal Goal(question='What is the correlation between home team score and away team
score across all divisions?', visualization="Scatter plot of 'home_score' vs.
'away_score'.", rationale="This uses 'home_score' and 'away_score' to explore the
relationship between the scores of the home and away teams. A ...
```

A visualization goal

index int	1
question str	'What is the correlation between home team score and away team score across all divisions?'
rationale str	"This uses 'home_score' and 'away_score' to explore the relationship between the scores of the home and away teams. A strong correlation

	might suggest factors influencing both scores simultaneously (e.g., overall game intensity)."
`visualization` str	"Scatter plot of 'home_score' vs. 'away_score'."



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VizOps

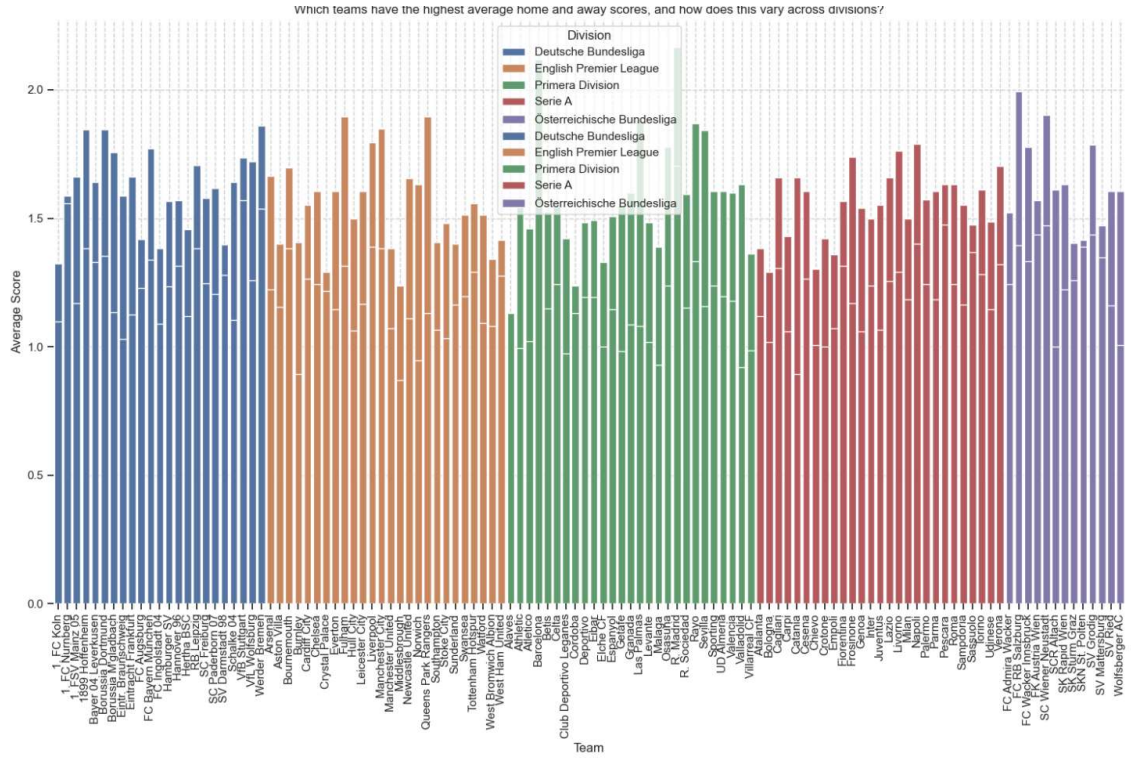
✷ Insight 2:

`main()` Goal Goal(question='Which teams have the highest average home and away scores, and how does this vary across divisions?', visualization="Bar chart showing average

'home_score' and average 'away_score' for each 'home_team' and 'away_team', grouped by 'division'.", rationale="This visualization uses 'home_...

A visualization goal

index int	2
question str	'Which teams have the highest average home and away scores, and how does this vary across divisions?'
rationale str	"This visualization uses 'home_team', 'away_team', 'home_score', 'away_score', and 'division' to identify top-performing teams in terms of scoring, both at home and away, and to compare performance across different leagues. It helps to identify consistently high-scoring teams."
visualization str	"Bar chart showing average 'home_score' and average 'away_score' for each 'home_team' and 'away_team', grouped by 'division'."



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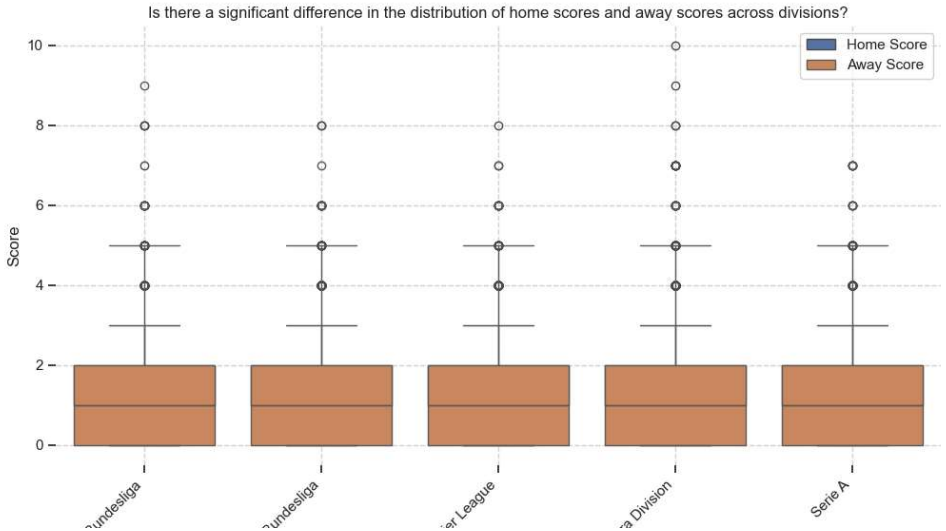
VizOps

✷ Insight 3:

```
main() Goal Goal(question='Is there a significant difference in the distribution of home scores and away scores across divisions?', visualization="Box plot showing the distribution of 'home_score' and 'away_score' for each 'division'.", rationale="This uses 'division', 'home_score', and 'away_score' to compare ...
```

A visualization goal

index int	3
question str	'Is there a significant difference in the distribution of home scores and away scores across divisions?'
rationale str	"This uses 'division', 'home_score', and 'away_score' to compare the distributions of home and away scores across different divisions. It reveals potential differences in scoring patterns (e.g., higher average scores, greater variability) between leagues."
visualization str	"Box plot showing the distribution of 'home_score' and 'away_score' for each 'division'."



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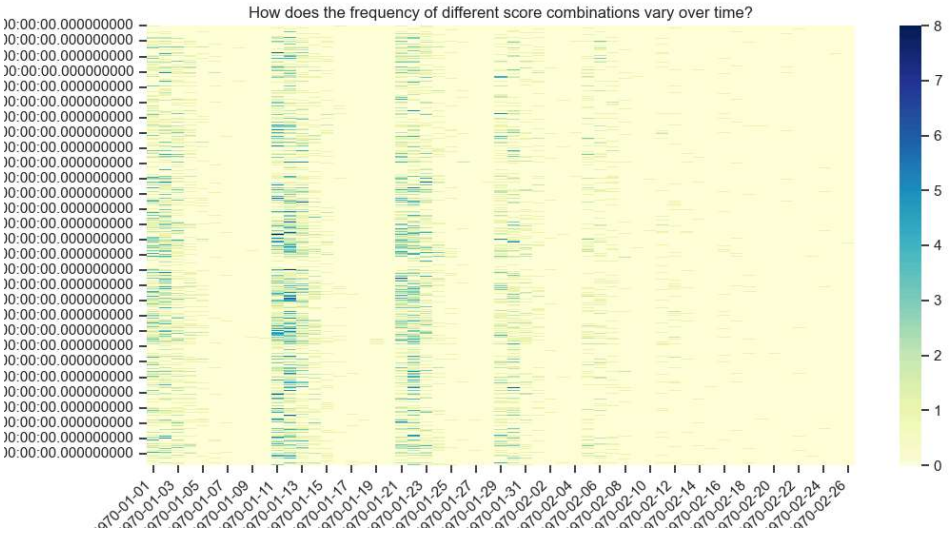
✷ Insight 4:

`main() Goal Goal(question='How does the frequency of different score combinations vary over time?', visualization="Heatmap showing the frequency of each unique combination of 'home_score' and 'away_score' over time ('date'). The color intensity represents the frequency.", rationale="This visualization combines...`

A visualization goal

index int	4
question str	'How does the frequency of different score combinations vary over time?'
rationale str	"This visualization combines 'date', 'home_score', and 'away_score' to show how the frequency of specific score outcomes changes over time. This could reveal trends such as increased high-scoring games or shifts in defensive strategies."
visualization str	"Heatmap showing the frequency of each unique combination of 'home_score' and 'away_score' over time ('date'). The color intensity represents the frequency."



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