- 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

0.30

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

driving.csv 1.2KB

Successfully uploaded a CSV file with 55 rows of data.

	side	year	miles	gas
0	left	1,956	3,675	2.38
1	right	1,957	3,706	2.4
2	bottom	1,958	3,766	2.26
3	top	1,959	3,905	2.31
4	right	1,960	3,935	2.27

No missing or duplicate values found in the data.

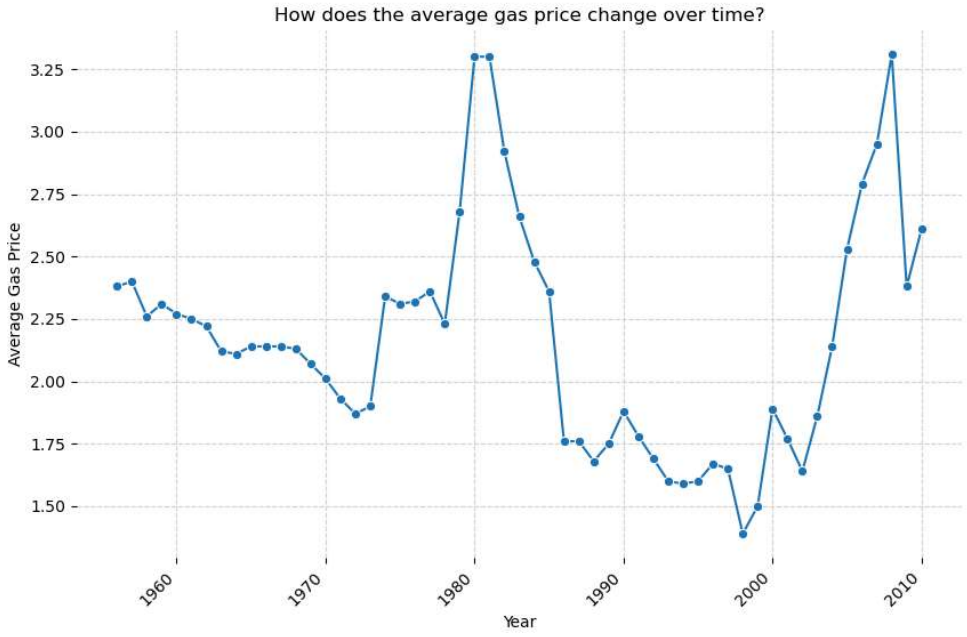
Generate Charts

✷ Insight 0:

```
main() Goal Goal(question='How does the average gas price change over time?',
visualization="Line chart of average('gas') over year('year')", rationale="This
visualization uses the 'year' field to show the temporal trend and the 'gas' field to
represent the average gas price for each year. It will reveal poten...
```

A visualization goal

index int	0
question str	'How does the average gas price change over time?'
rationale str	"This visualization uses the 'year' field to show the temporal trend and the 'gas' field to represent the average gas price for each year. It will reveal potential trends or patterns in gas prices over the observed period. The aggregation helps smooth out individual data point variations."
visualization str	"Line chart of average('gas') over year('year')"



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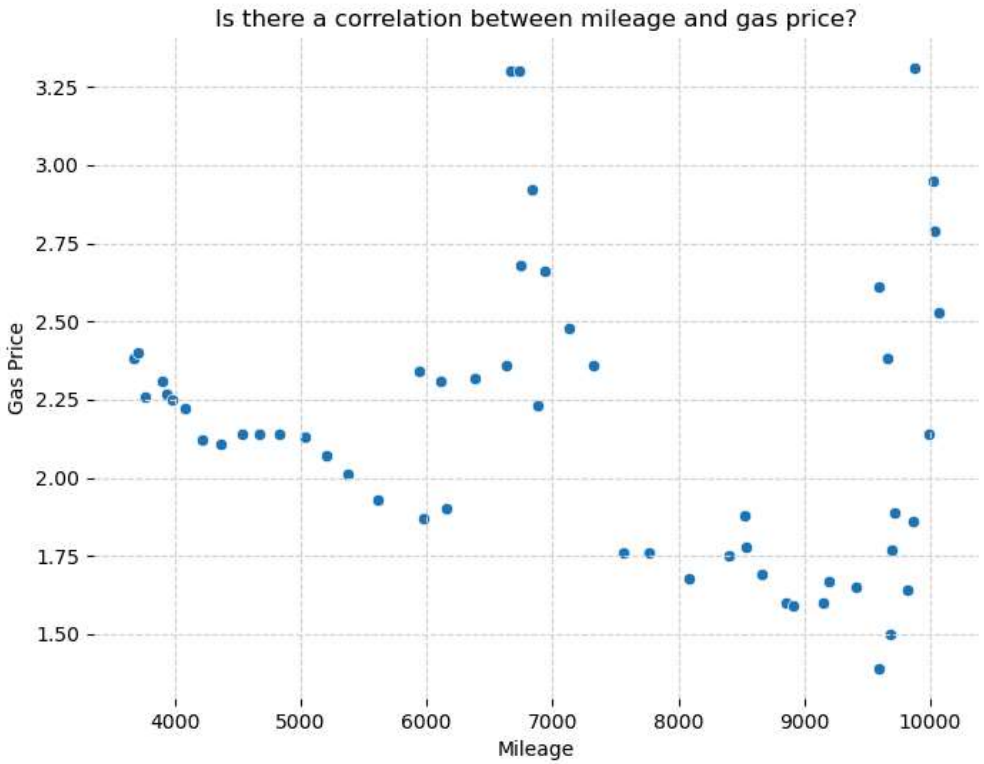
VizOps

✷ Insight 1:

main() Goal Goal(question='Is there a correlation between mileage and gas price?', visualization="Scatter plot of 'miles' vs 'gas'", rationale="This scatter plot uses 'miles' and 'gas' to explore the relationship between the two variables. A positive correlation would suggest that higher mileage is associated ...

A visualization goal

index int	1
question str	'Is there a correlation between mileage and gas price?'
rationale str	"This scatter plot uses 'miles' and 'gas' to explore the relationship between the two variables. A positive correlation would suggest that higher mileage is associated with higher gas prices, while a negative correlation would suggest the opposite. No correlation would indicate that the two are ind...
visualization str	"Scatter plot of 'miles' vs 'gas'"



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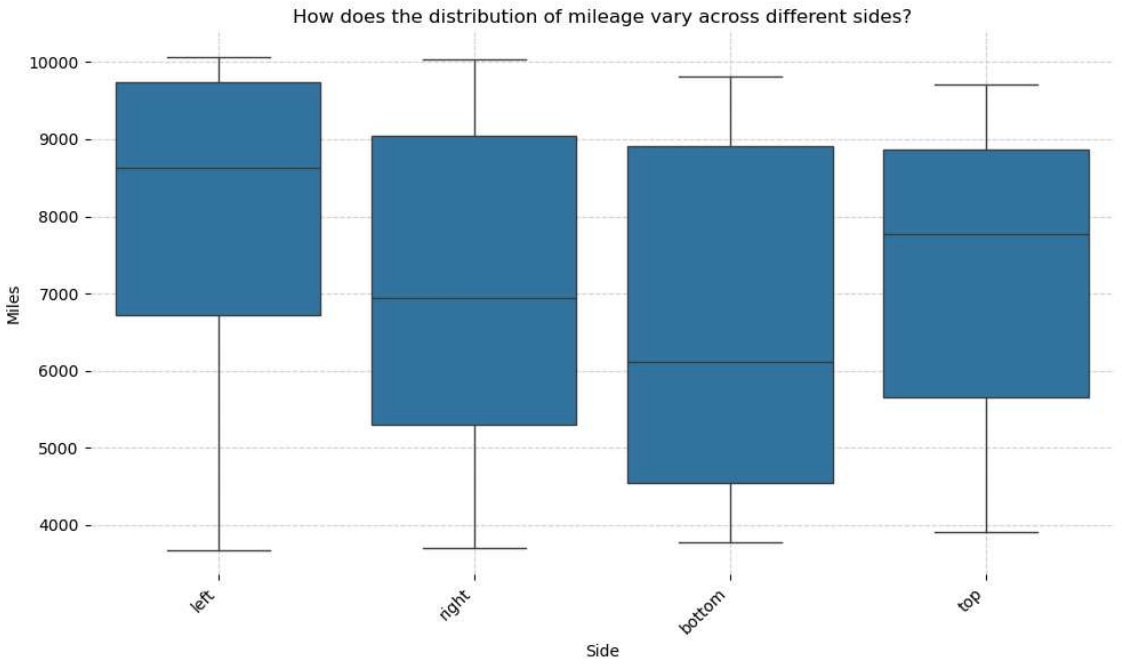
VizOps

✷ Insight 2:

```
main() Goal Goal(question='How does the distribution of mileage vary across different sides?', visualization="Box plot of 'miles' grouped by 'side'", rationale="This box plot uses 'miles' to show the distribution (median, quartiles, outliers) of mileage for each category in the 'side' field. It will reveal if ...
```

A visualization goal

index int	2
question str	'How does the distribution of mileage vary across different sides?'
rationale str	"This box plot uses 'miles' to show the distribution (median, quartiles, outliers) of mileage for each category in the 'side' field. It will reveal if there are significant differences in mileage based on the 'side' variable, potentially indicating different usage patterns or conditions."
visualization str	"Box plot of 'miles' grouped by 'side'"



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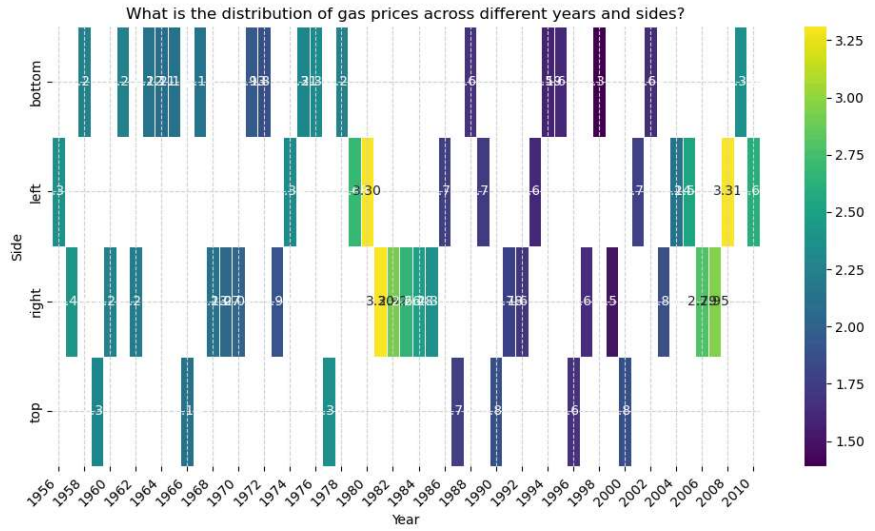
✷ Insight 3:

main() Goal Goal(question='What is the distribution of gas prices across different years and sides?', visualization="Heatmap of average('gas') with 'year' on the x-axis and

'side' on the y-axis", rationale="This heatmap uses the average 'gas' price, grouped by 'year' and 'side', to visualize the combined effect...

A visualization goal

index int	3
question str	'What is the distribution of gas prices across different years and sides?'
rationale str	"This heatmap uses the average 'gas' price, grouped by 'year' and 'side', to visualize the combined effect of year and side on gas prices. The color intensity will represent the average gas price, allowing for a quick comparison across different years and sides."
visualization str	"Heatmap of average('gas') with 'year' on the x-axis and 'side' on the y-axis"



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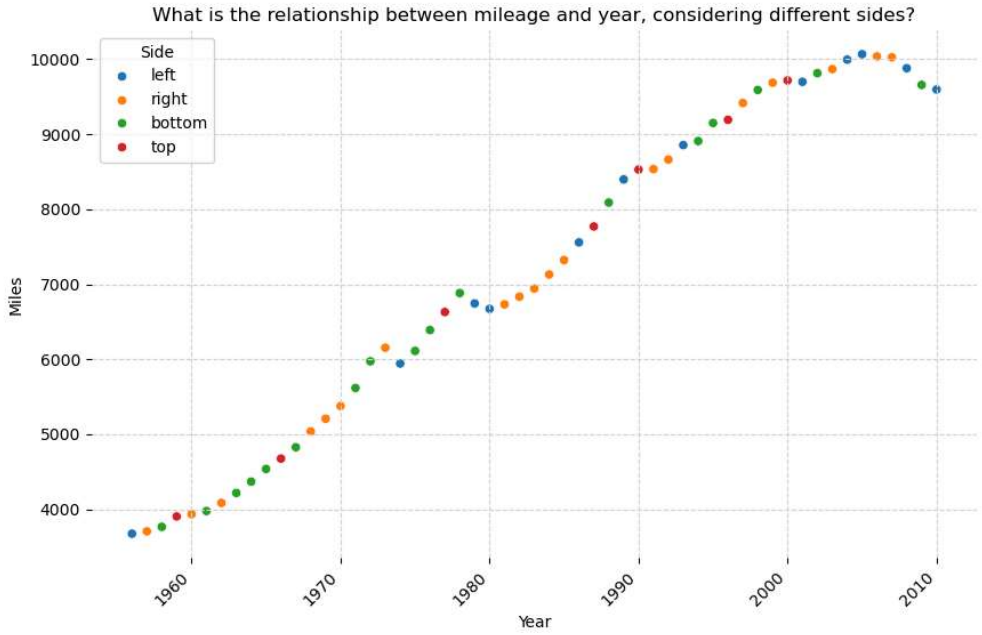
VizOps

✷ Insight 4:

main() Goal Goal(question='What is the relationship between mileage and year, considering different sides?', visualization="Scatter plot of 'miles' vs 'year', with points colored by 'side'", rationale="This scatter plot uses 'miles' and 'year' to show the relationship between mileage and year, with the color of...

A visualization goal

index int	4
question str	'What is the relationship between mileage and year, considering different sides?'
rationale str	"This scatter plot uses 'miles' and 'year' to show the relationship between mileage and year, with the color of the points representing the 'side' variable. This allows us to observe if the relationship between mileage and year differs across different sides, revealing potential side-specific trends...
visualization str	"Scatter plot of 'miles' vs 'year', with points colored by 'side'"



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