- 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

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.

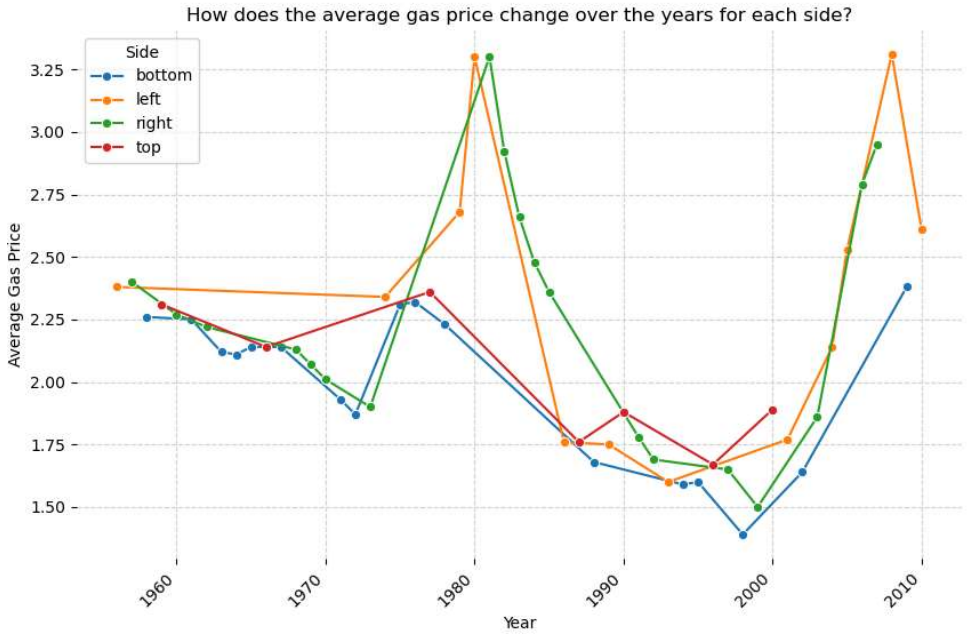
Generate Charts

✷ Insight 0:

`main()` Goal Goal(question='How does the average gas price change over the years for each side?', visualization="Line chart showing average 'gas' over 'year' for each 'side'", rationale="This visualization uses 'year' on the x-axis, average 'gas' on the y-axis, and different lines for each category in 'side'. I...

A visualization goal

index int	0
question str	'How does the average gas price change over the years for each side?'
rationale str	"This visualization uses 'year' on the x-axis, average 'gas' on the y-axis, and different lines for each category in 'side'. It reveals trends in gas prices over time for different sides, potentially uncovering temporal patterns or side-specific price variations."
visualization str	"Line chart showing average 'gas' over 'year' for each 'side'"



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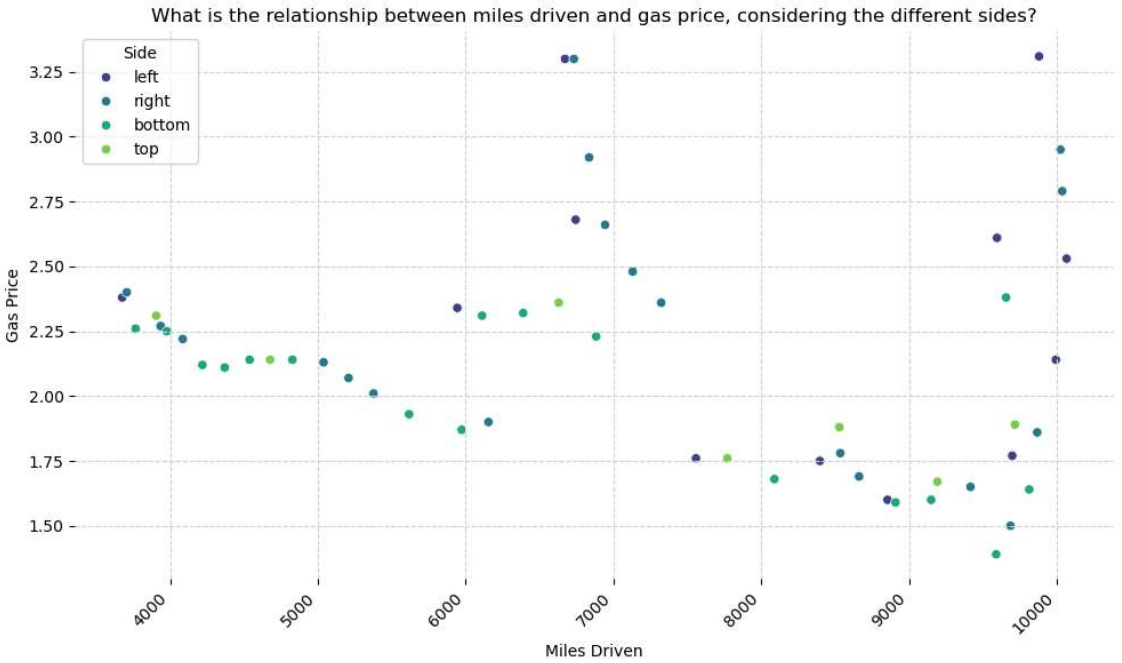
VizOps

✷ Insight 1:

main() Goal Goal(question='What is the relationship between miles driven and gas price, considering the different sides?', visualization="Scatter plot of 'miles' vs. 'gas', with points colored by 'side'", rationale="This uses 'miles' and 'gas' as x and y coordinates respectively. The color coding by 'side' all...

A visualization goal

index int	1
question str	'What is the relationship between miles driven and gas price, considering the different sides?'
rationale str	"This uses 'miles' and 'gas' as x and y coordinates respectively. The color coding by 'side' allows us to identify potential correlations between mileage and gas price, and if these correlations differ based on the 'side' variable. This helps understand fuel efficiency variations across different s...
visualization str	"Scatter plot of 'miles' vs. 'gas', with points colored by 'side'"



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VizOps

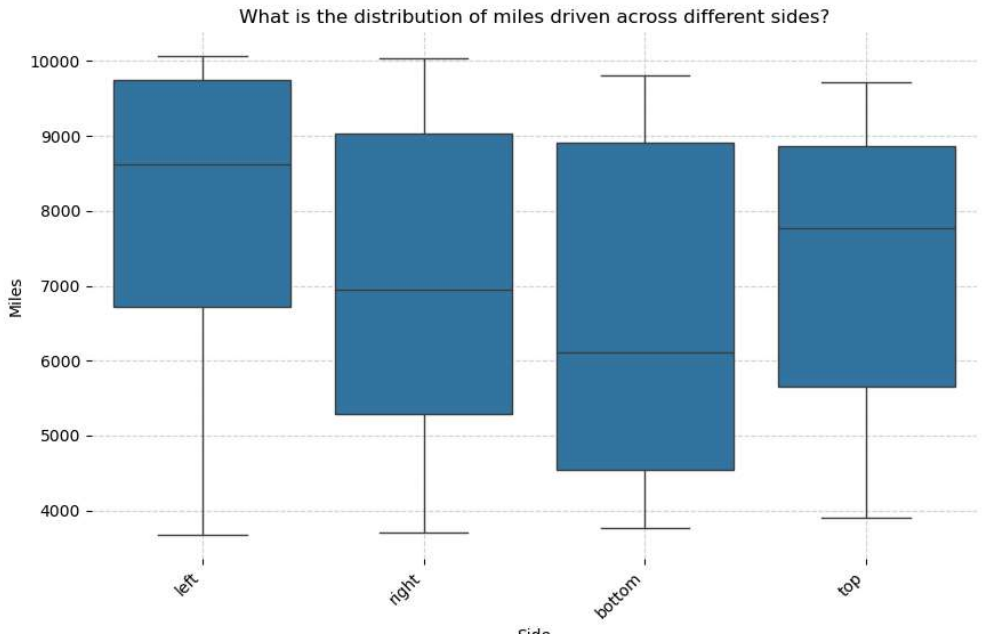
✷ Insight 2:

```
main() Goal Goal(question='What is the distribution of miles driven across different sides?', visualization="Box plot of 'miles' for each 'side'", rationale="This visualization uses 'side' to categorize the data and displays the distribution of 'miles' for each side using box plots. It allows for a comparison ...
```

A visualization goal

index int	2
question str	'What is the distribution of miles driven across different sides?'
rationale str	"This visualization uses 'side' to categorize the data and displays the distribution of 'miles' for each side using box plots. It allows for a

	comparison of the central tendency, spread, and potential outliers in mileage for each side."
visualization str	"Box plot of 'miles' for each 'side'"



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VizOps

✷ Insight 3:

main() Goal Goal(question='How does the distribution of gas prices change over time?', visualization="Multiple histograms of 'gas' for different ranges of 'year'", rationale="This will create several histograms, each representing the distribution of 'gas' for a specific time period (e.g., decades). This reveal...

A visualization goal

index int	3

question str	'How does the distribution of gas prices change over time?'
rationale str	"This will create several histograms, each representing the distribution of 'gas' for a specific time period (e.g., decades). This reveals how the distribution of gas prices (shape, central tendency, spread) evolved over the years, allowing for the identification of significant shifts."
visualization str	"Multiple histograms of 'gas' for different ranges of 'year'"

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VizOps

✷ Insight 4:

main() Goal Goal(question='Is there a correlation between year and miles driven, considering gas price as a third variable?', visualization="3D scatter plot with 'year' on one axis, 'miles' on another, and 'gas' represented by color intensity", rationale="This complex visualization uses three dimensions to expl...

A visualization goal

index int	4
question str	'Is there a correlation between year and miles driven, considering gas price as a third variable?'
rationale str	"This complex visualization uses three dimensions to explore the relationships between 'year', 'miles', and 'gas'. The color intensity representing 'gas' allows us to observe how the relationship between 'year' and 'miles' changes with varying gas prices. This helps identify potential confounding e..."
visualization str	"3D scatter plot with 'year' on one axis, 'miles' on another, and 'gas' represented by color intensity"