- 🏠 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

0.30

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

WineQT.csv 76.2KB

Successfully uploaded a CSV file with 1143 rows of data.

	fixed acidity	volatile acidity	citric acid	residual sugar	chlorides	free sulfur dioxide	total sulfur dioxide	density
0	7.4	0.7	0	1.9	0.076	11	34	0.9978
1	7.8	0.88	0	2.6	0.098	25	67	0.9968
2	7.8	0.76	0.04	2.3	0.092	15	54	0.997
3	11.2	0.28	0.56	1.9	0.075	17	60	0.998
4	7.4	0.7	0	1.9	0.076	11	34	0.9978

No missing or duplicate values found in the data.

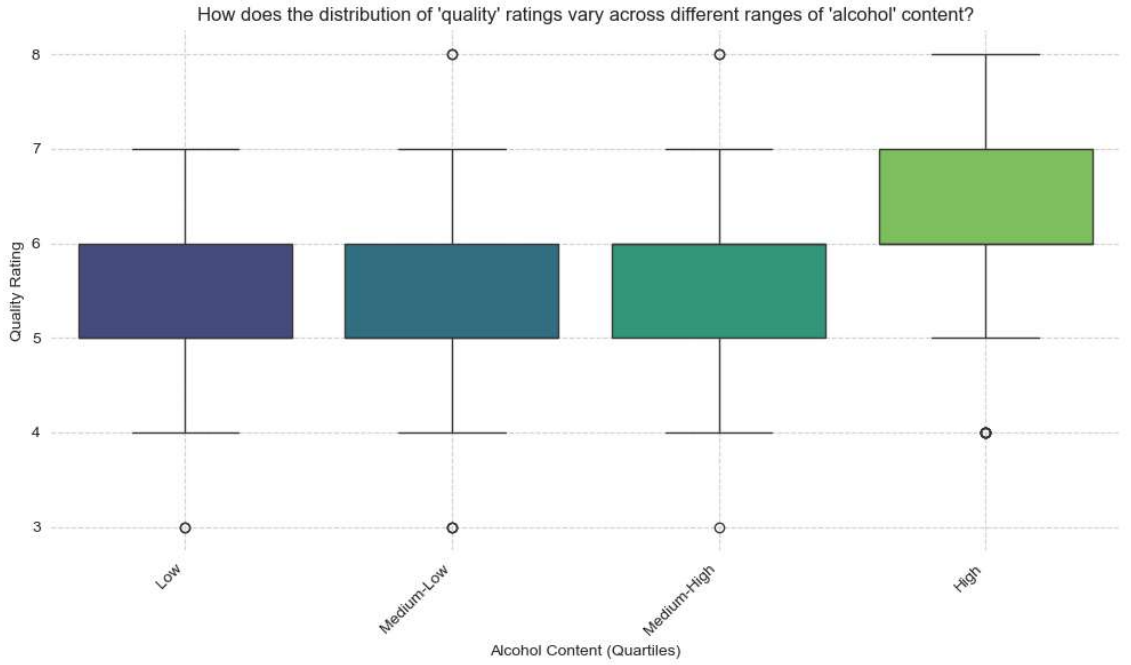
Generate Charts

✷ Insight 0:

```
main() Goal Goal(question="How does the distribution of 'quality' ratings vary across
different ranges of 'alcohol' content?", visualization="Box plot of 'quality' vs.
'alcohol', with 'alcohol' categorized into bins (e.g., quartiles or deciles)",
rationale="This visualization uses 'quality' as the dependent var...
```

A visualization goal

index int	0
question str	"How does the distribution of 'quality' ratings vary across different ranges of 'alcohol' content?"
rationale str	"This visualization uses 'quality' as the dependent variable and 'alcohol' as the independent variable. By binning 'alcohol' and showing the distribution of 'quality' within each bin, we can identify potential correlations between alcohol content and wine quality. A box plot is ideal for showing t...
visualization str	"Box plot of 'quality' vs. 'alcohol', with 'alcohol' categorized into bins (e.g., quartiles or deciles)"



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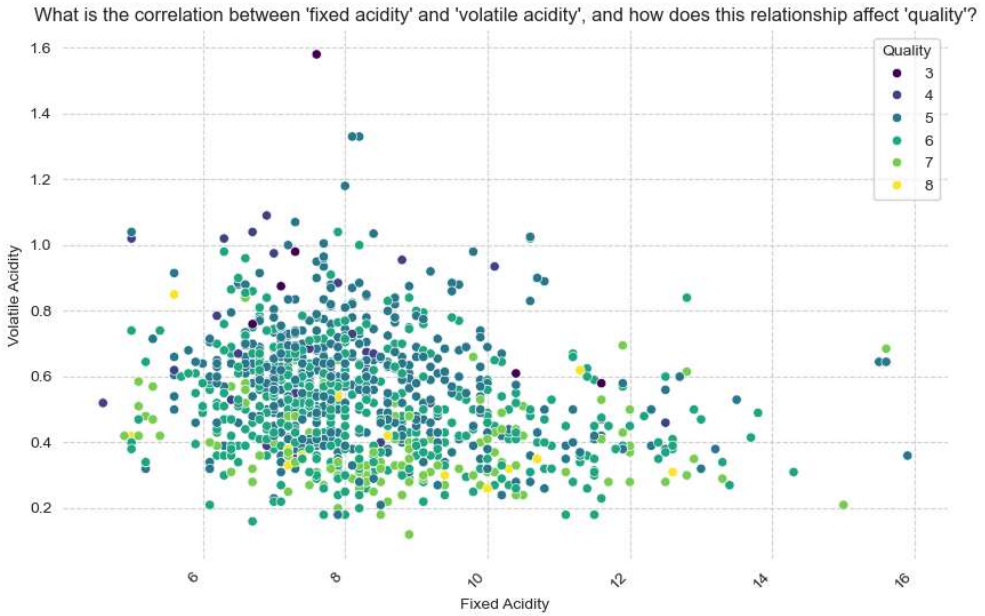
VizOps

✷ Insight 1:

`main()` `Goal` `Goal(question="What is the correlation between 'fixed acidity' and 'volatile acidity', and how does this relationship affect 'quality'?", visualization="Scatter plot of 'fixed acidity' vs. 'volatile acidity', with points colored by 'quality' rating.", rationale="This explores the relationship betwee...`

A visualization goal

index `int`	1
question `str`	"What is the correlation between 'fixed acidity' and 'volatile acidity', and how does this relationship affect 'quality'?"
rationale `str`	"This explores the relationship between two key chemical properties ('fixed acidity' and 'volatile acidity') and their potential influence on 'quality'. Color-coding by 'quality' allows us to visually assess if certain combinations of acidity levels are associated with higher or lower quality ratin...
visualization `str`	"Scatter plot of 'fixed acidity' vs. 'volatile acidity', with points colored by 'quality' rating."



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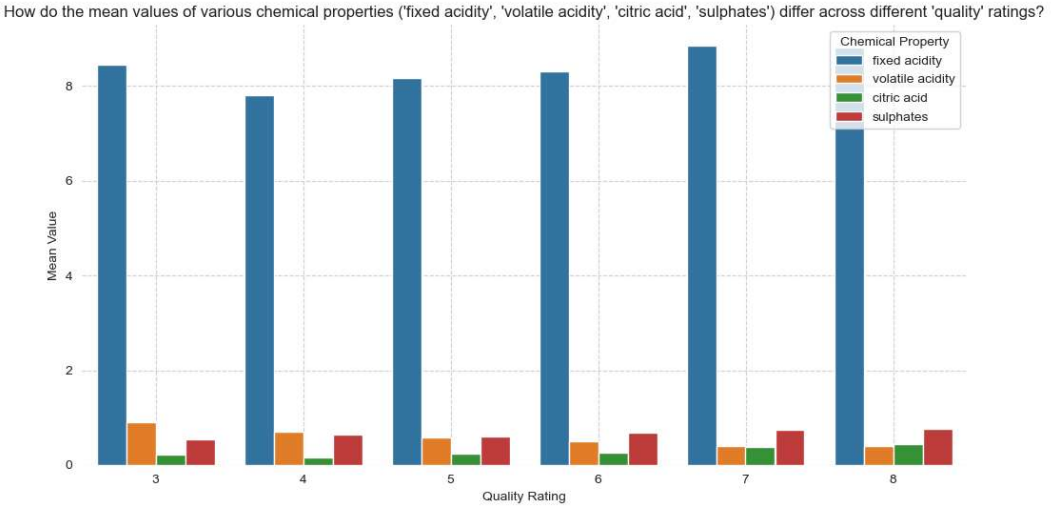
✷ Insight 2:

```
main() Goal Goal(question="How do the mean values of various chemical properties ('fixed acidity', 'volatile acidity', 'citric acid', 'sulphates') differ across different 'quality' ratings?", visualization="Bar chart showing the mean of 'fixed acidity', 'volatile acidity', 'citric acid', and 'sulphates' for eac...
```

A visualization goal

index int	2
question str	"How do the mean values of various chemical properties ('fixed acidity', 'volatile acidity', 'citric acid', 'sulphates') differ across different 'quality' ratings?"

rationale str	'This uses a bar chart to compare the average values of multiple chemical properties across different quality levels. This allows for a direct comparison to see if certain chemical components are consistently higher or lower in wines of different quality ratings. Bar charts are effective for compa...
visualization str	"Bar chart showing the mean of 'fixed acidity', 'volatile acidity', 'citric acid', and 'sulphates' for each 'quality' rating."



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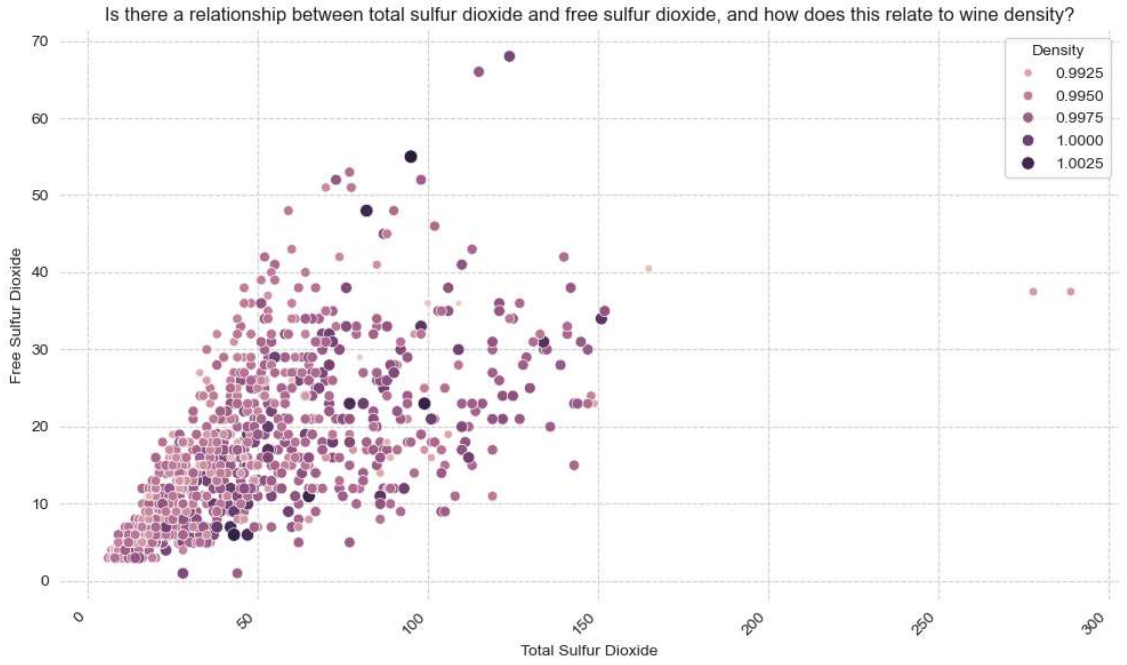
✷ Insight 3:

main() Goal Goal(question="Is there a relationship between 'total sulfur dioxide' and 'free sulfur dioxide', and how does this relate to wine 'density'?", visualization="Scatter plot of 'total sulfur dioxide' vs. 'free sulfur dioxide', with point size or color representing 'density'.", rationale='This investiga...

A visualization goal

index int	3

question str	"Is there a relationship between 'total sulfur dioxide' and 'free sulfur dioxide', and how does this relate to wine 'density'?"
rationale str	'This investigates the relationship between two sulfur dioxide measures and their connection to wine density. Using point size or color to represent density allows us to see if wines with specific sulfur dioxide combinations tend to have different densities. A scatter plot effectively shows the cor...
visualization str	"Scatter plot of 'total sulfur dioxide' vs. 'free sulfur dioxide', with point size or color representing 'density'."



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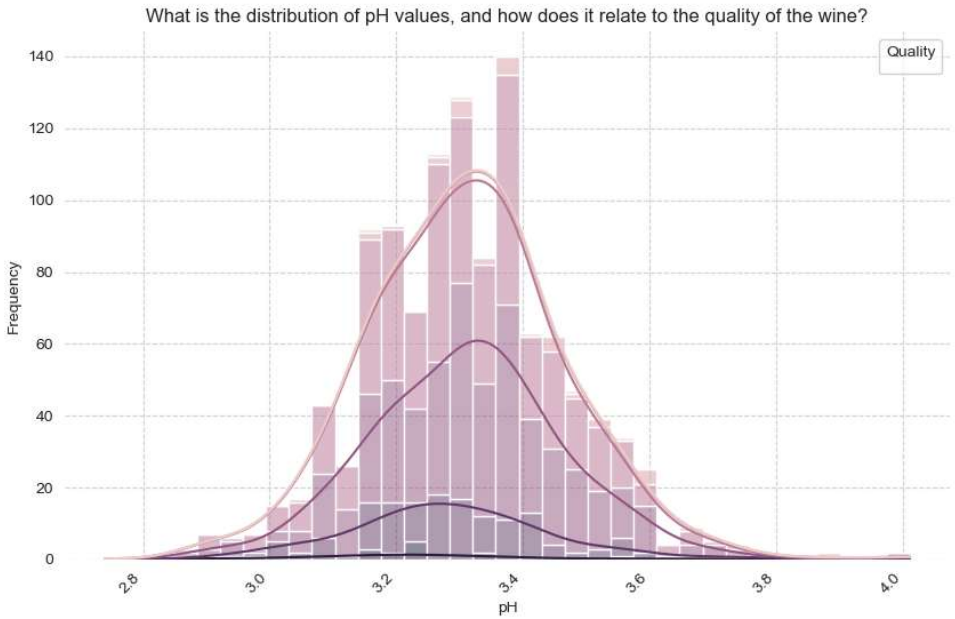
✷ Insight 4:

main() Goal Goal(question="What is the distribution of 'pH' values, and how does it relate to the 'quality' of the wine?", visualization="Histogram of 'pH' values, overlaid with a kernel density estimate, with different colors representing different 'quality' ratings.", rationale="This visualization examines th...

A visualization goal

index int	4
question str	"What is the distribution of 'pH' values, and how does it relate to the 'quality' of the wine?"
rationale str	"This visualization examines the distribution of 'pH' and its relationship with 'quality'. A histogram shows the frequency distribution of pH, while a kernel density estimate provides a smoother representation. Color-coding by quality allows for a visual comparison of pH distributions across diffe...
visualization str	"Histogram of 'pH' values, overlaid with a kernel density estimate, with different colors representing different 'quality' ratings."



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