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☑️ 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   Browse files
   Limit 200MB per file • CSV

📄 weather.csv 118.6KB   ✕

Successfully uploaded a CSV file with 2922 rows of data.

	location	date	precipitation	temp_max	temp_min	wind	weather
0	Seattle	2012-01-01	0	12.8	5	4.7	drizzle
1	Seattle	2012-01-02	10.9	10.6	2.8	4.5	rain
2	Seattle	2012-01-03	0.8	11.7	7.2	2.3	rain
3	Seattle	2012-01-04	20.3	12.2	5.6	4.7	rain
4	Seattle	2012-01-05	1.3	8.9	2.8	6.1	rain

No missing or duplicate values found in the data.

Generate Charts

✳ Insight 0:

```
main() Goal Goal(question='How does average daily temperature (max and min) vary over
time in each location?', visualization='Line chart showing the rolling average of
`temp_max` and `temp_min` over time, grouped by `location`. The x-axis would be `date`,
and the y-axis would be temperature.', rationale='This ...
```

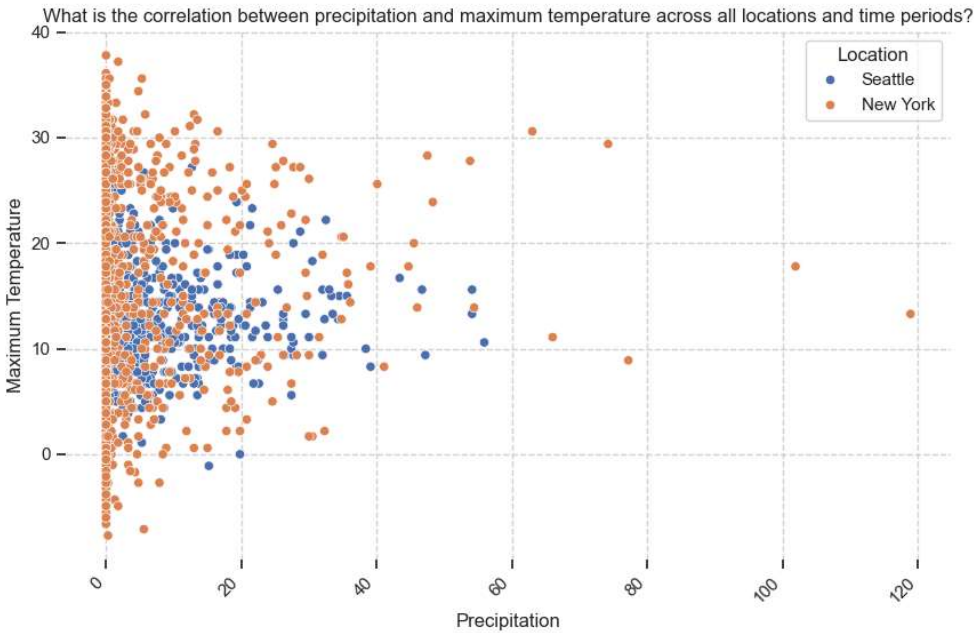| A visualization goal	
index int	0
question str	'How does average daily temperature (max and min) vary over time in each location?'
rationale str	'This visualization uses `date`, `temp_max`, `temp_min`, and `location` to reveal seasonal trends and potential differences in temperature patterns between New York and Seattle. The rolling average smooths out daily fluctuations for a clearer view of long-term trends.'
visualization str	'Line chart showing the rolling average of `temp_max` and `temp_min` over time, grouped by `location`. The x-axis would be `date`, and the y-axis would be temperature.'

✳ Insight 1:

```
main() Goal Goal(question='What is the correlation between precipitation and maximum
temperature across all locations and time periods?', visualization='Scatter plot with
`precipitation` on the x-axis and `temp_max` on the y-axis, with color coding
potentially added to represent `location` or `weather` for add...
```

A visualization goal	
index int	1
question str	'What is the correlation between precipitation and maximum temperature across all locations and time periods?'
rationale str	'This uses `precipitation` and `temp_max` to explore the relationship between these two variables. The additional color coding using `location` or `weather` will help to identify any location-specific or weather-type-specific relationships.'

visualization `str`	'Scatter plot with `precipitation` on the x-axis and `temp_max` on the y-axis, with color coding potentially added to represent `location` or `weather` for additional insights.'

What is the correlation between precipitation and maximum temperature across all locations and time periods?

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✳ Insight 2:

main() `Goal` Goal(question='How does wind speed correlate with precipitation amount, considering different weather conditions?', visualization='Scatter plot of `wind` vs. `precipitation`, with points colored by `weather` category. A regression line could be added to show the trend.', rationale='This visualizati...

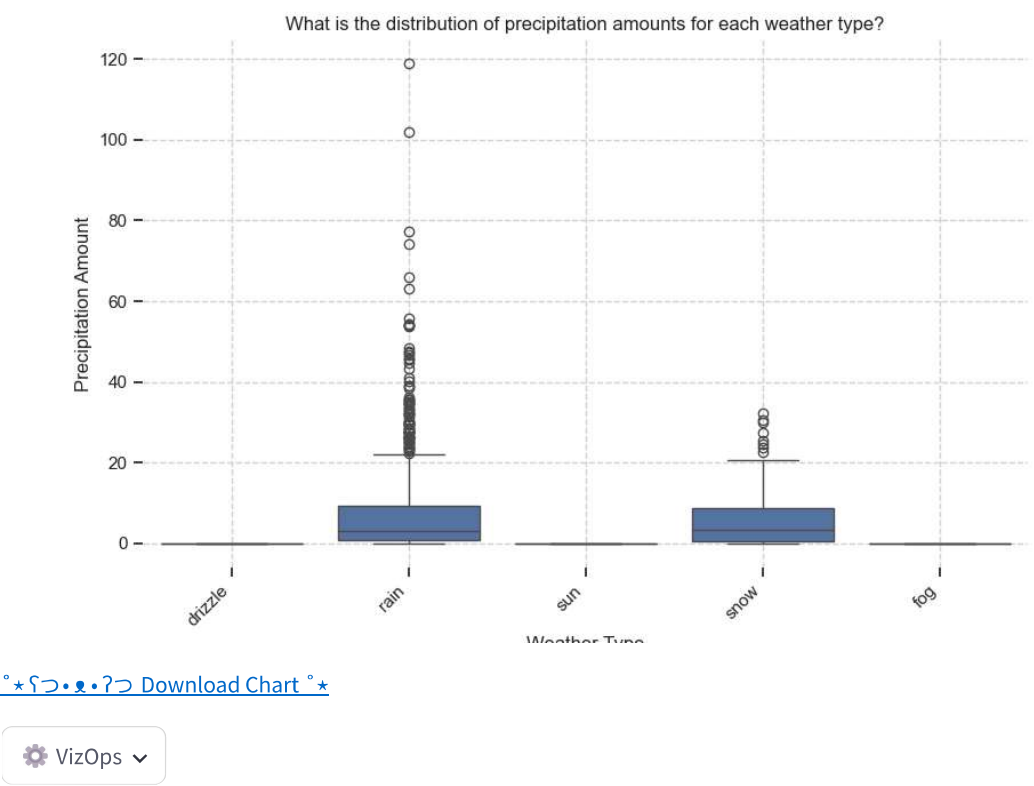A visualization goal

index `int`		2

question str	'How does wind speed correlate with precipitation amount, considering different weather conditions?'
rationale str	'This visualization helps to investigate the relationship between `wind`, `precipitation`, and `weather`. The color coding by `weather` allows for a deeper understanding of how different weather types influence this relationship.'
visualization str	'Scatter plot of `wind` vs. `precipitation`, with points colored by `weather` category. A regression line could be added to show the trend.'

✳ Insight 3:

main() Goal Goal(question='What is the distribution of precipitation amounts for each weather type?', visualization='Box plot showing the distribution of `precipitation` for each unique value in the `weather` column.', rationale='This uses `precipitation` and `weather` to compare the central tendency and variab...	
A visualization goal	
index int	3
question str	'What is the distribution of precipitation amounts for each weather type?'
rationale str	'This uses `precipitation` and `weather` to compare the central tendency and variability of precipitation across different weather types. A box plot effectively shows the median, quartiles, and outliers for each weather type.'
visualization str	'Box plot showing the distribution of `precipitation` for each unique value in the `weather` column.'

What is the distribution of precipitation amounts for each weather type?

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✹ Insight 4:

```
main() Goal Goal(question='What are the average minimum and maximum temperatures for
each weather condition?', visualization='Bar chart showing the average `temp_min` and
average `temp_max` for each unique value in the `weather` column. Error bars could
represent standard deviation for a more complete picture....
```
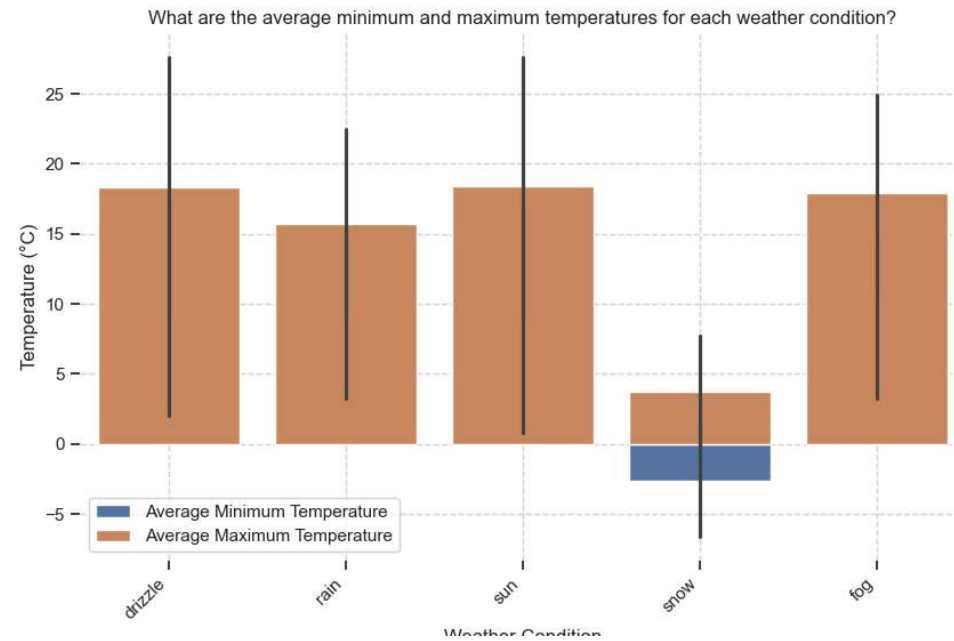
A visualization goal

index `int`	4
question `str`	'What are the average minimum and maximum temperatures for each weather condition?'
rationale `str`	'This visualization uses `temp_min`, `temp_max`, and `weather` to compare temperatures across different weather conditions. The use of

	average and standard deviation provides a comprehensive understanding of temperature distribution for each weather type.'
visualization str	'Bar chart showing the average `temp_min` and average `temp_max` for each unique value in the `weather` column. Error bars could represent standard deviation for a more complete picture.'

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