- 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

Select Model:

gemini-1.5-flash

Upload a data file in .csv format:

Drag and drop file here

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 mi
time in each location?', visualization='Line chart showing the rolling av
`temp_max` and `temp_min` over time, grouped by `location`. The x-axis wo
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) var each location?'
rationale str	'This visualization uses `date`, `temp_max`, `temp_mi to reveal seasonal trends and potential differences i patterns between New York and Seattle. The rolling av daily fluctuations for a clearer view of long-term tr
visualization str	'Line chart showing the rolling average of `temp_max` over time, grouped by `location`. The x-axis would be

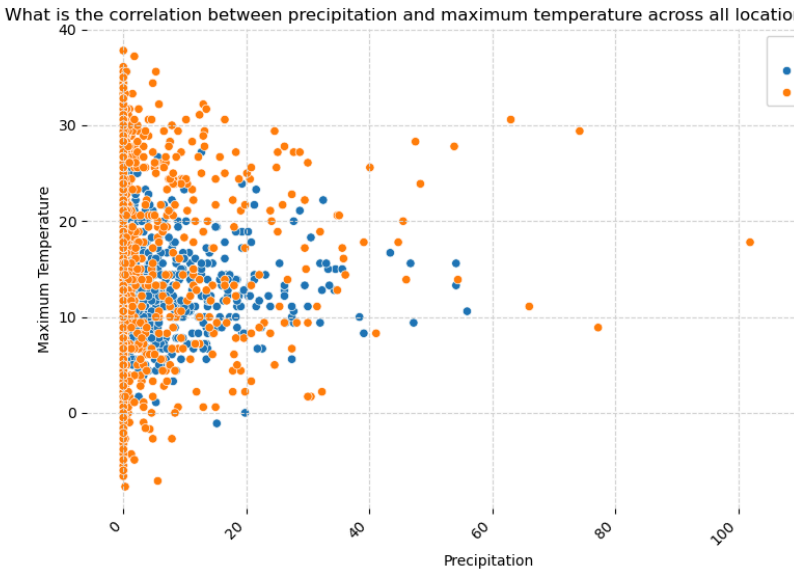
```
                                    y-axis would be temperature.'
```

✷ Insight 1:

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

A visualization goal

index int	1
question str	'What is the correlation between precipitation and ma across all locations and time periods?'
rationale str	'This uses `precipitation` and `temp_max` to explore between these two variables. The additional color coo `location` or `weather` will help to identify any loc weather-type-specific relationships.'
visualization str	'Scatter plot with `precipitation` on the x-axis and y-axis, with color coding potentially added to repres `weather` for additional insights.'



˚★ʕつ•ᴥ•ʔつ Download Chart ˚★

VizOps

✷ Insight 2:

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

A visualization goal

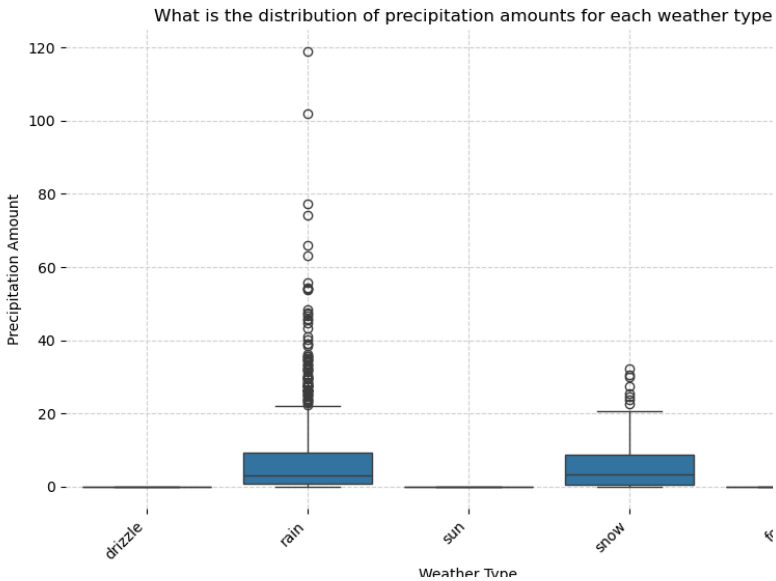
index int	2
question str	'How does wind speed correlate with precipitation amo different weather conditions?'
rationale str	'This visualization helps to investigate the relation `wind`, `precipitation`, and `weather`. The color coo allows for a deeper understanding of how different we influence this relationship.'
visualization str	'Scatter plot of `wind` vs. `precipitation`, with poi `weather` category. A regression line could be added trend.'

✷ Insight 3:

main() Goal Goal(question='What is the distribution of precipitation amou weather type?', visualization='Box plot showing the distribution of `prec each unique value in the `weather` column.', rationale='This uses `precip `weather` to compare the central tendency and variab...

A visualization goal

index int	3
question str	'What is the distribution of precipitation amounts fo type?'
rationale str	'This uses `precipitation` and `weather` to compare t tendency and variability of precipitation across diff types. A box plot effectively shows the median, quart for each weather type.'
visualization str	'Box plot showing the distribution of `precipitation` value in the `weather` column.'



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

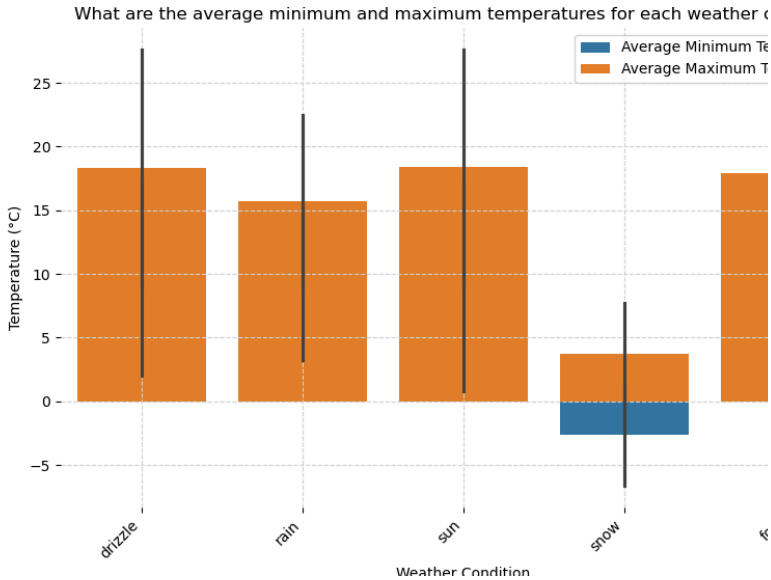
VizOps

✷ Insight 4:

`main()` Goal Goal(question='What are the average minimum and maximum tempe
each weather condition?', visualization='Bar chart showing the average `t
average `temp_max` for each unique value in the `weather` column. Error b
represent standard deviation for a more complete picture....

A visualization goal

index int	4
question str	'What are the average minimum and maximum temperature condition?'
rationale str	'This visualization uses `temp_min`, `temp_max`, and compare temperatures across different weather conditi average and standard deviation provides a comprehensi of temperature distribution for each weather type.'
visualization str	'Bar chart showing the average `temp_min` and average each unique value in the `weather` column. Error bars standard deviation for a more complete picture.'



˚⋆ʕつ•ᴥ•ʔつ Download Chart ˚⋆

VizOps