- 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

seattle-weather.csv 47.1KB

Successfully uploaded a CSV file with 1461 rows of data.

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

No missing or duplicate values found in the data.

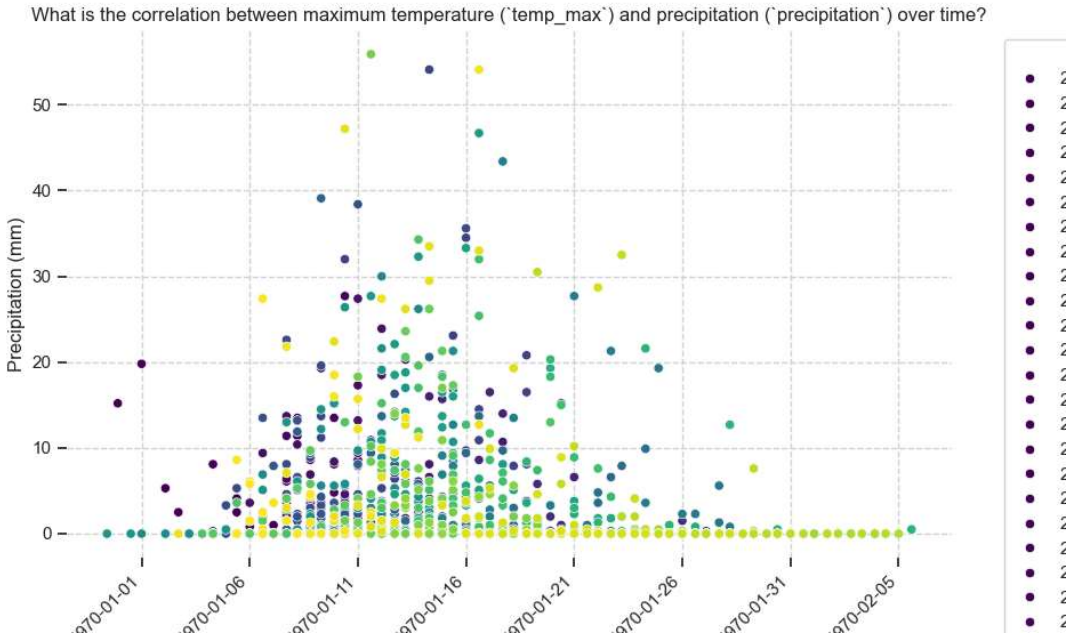
Generate Charts

✷ Insight 0:

`main() Goal Goal(question='What is the correlation between maximum temperature (`temp_max`) and precipitation (`precipitation`) over time?', visualization='Scatter plot of `temp_max` vs `precipitation`, with `date` as a color dimension.', rationale='This visualization will reveal if higher temperatures correlat...`

A visualization goal

index int	0
question str	'What is the correlation between maximum temperature (`temp_max`) and precipitation (`precipitation`) over time?'
rationale str	'This visualization will reveal if higher temperatures correlate with higher or lower precipitation levels. The color dimension by `date` allows for the observation of temporal trends in this correlation.'
visualization str	'Scatter plot of `temp_max` vs `precipitation`, with `date` as a color dimension.'



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

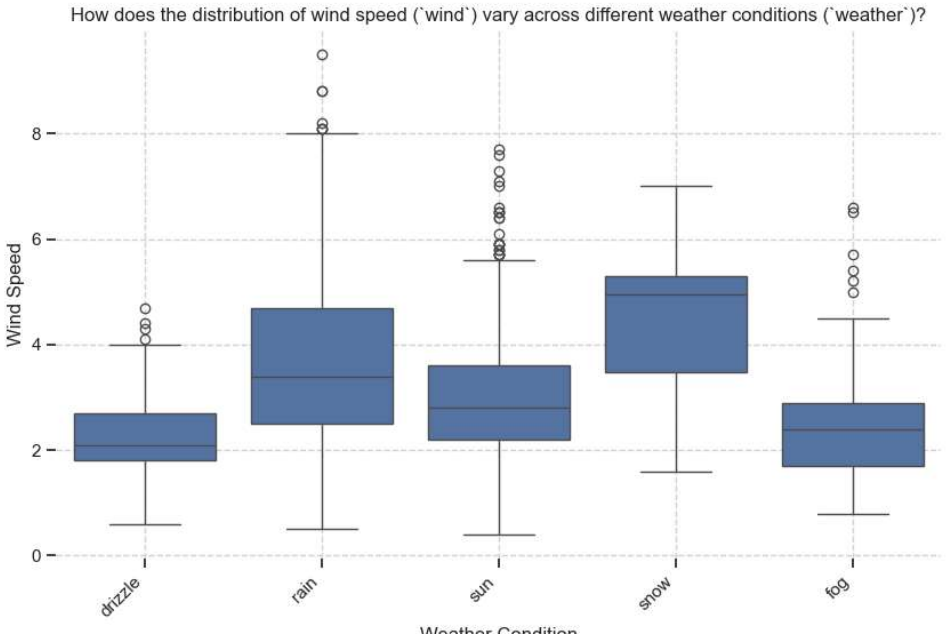
VizOps

✷ Insight 1:

main() Goal Goal(question='How does the distribution of wind speed (`wind`) vary across different weather conditions (`weather`)?', visualization='Box plot of `wind` grouped by `weather`.', rationale='This will show the central tendency, spread, and potential outliers of wind speed for each weather type, highli...

A visualization goal

index int	1
question str	'How does the distribution of wind speed (`wind`) vary across different weather conditions (`weather`)?'
rationale str	'This will show the central tendency, spread, and potential outliers of wind speed for each weather type, highlighting potential relationships between weather and wind.'
visualization str	'Box plot of `wind` grouped by `weather`.'



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

VizOps

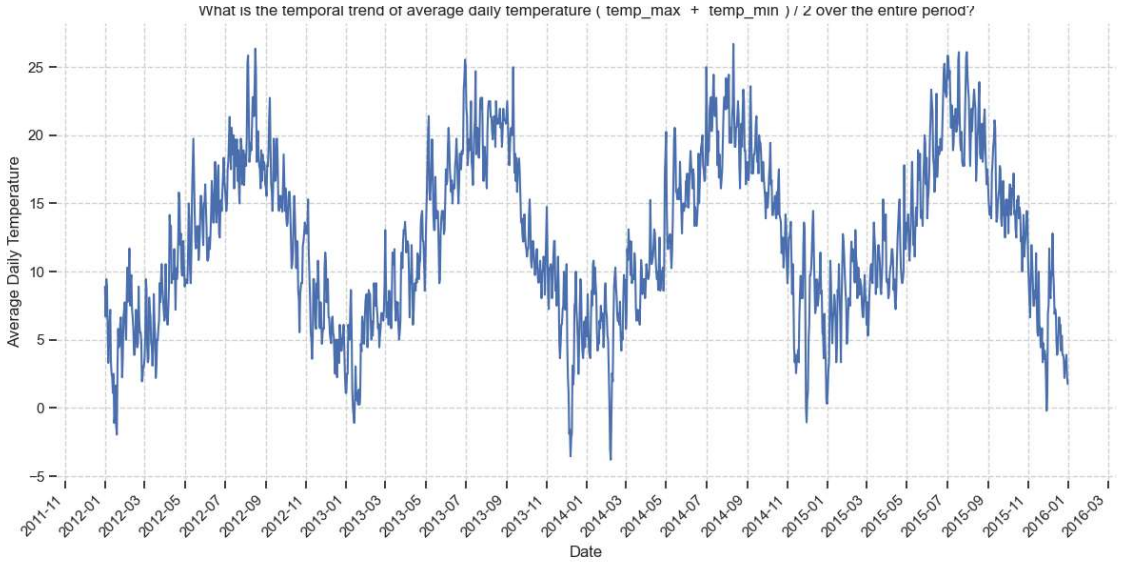
✷ Insight 2:

```
main() Goal Goal(question='What is the temporal trend of average daily temperature (`temp_max` + `temp_min`) / 2 over the entire period?', visualization='Line chart of (`temp_max` + `temp_min`) / 2 over `date`.', rationale='This will reveal the overall temperature trend over the 4-year period, identifying sea...
```

A visualization goal

index int	2
question str	'What is the temporal trend of average daily temperature (`temp_max` + `temp_min`) / 2 over the entire period?'

rationale str	'This will reveal the overall temperature trend over the 4-year period, identifying seasonal variations and any long-term shifts.'
visualization str	'Line chart of (`temp_max` + `temp_min`) / 2 over `date`.'



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

VizOps

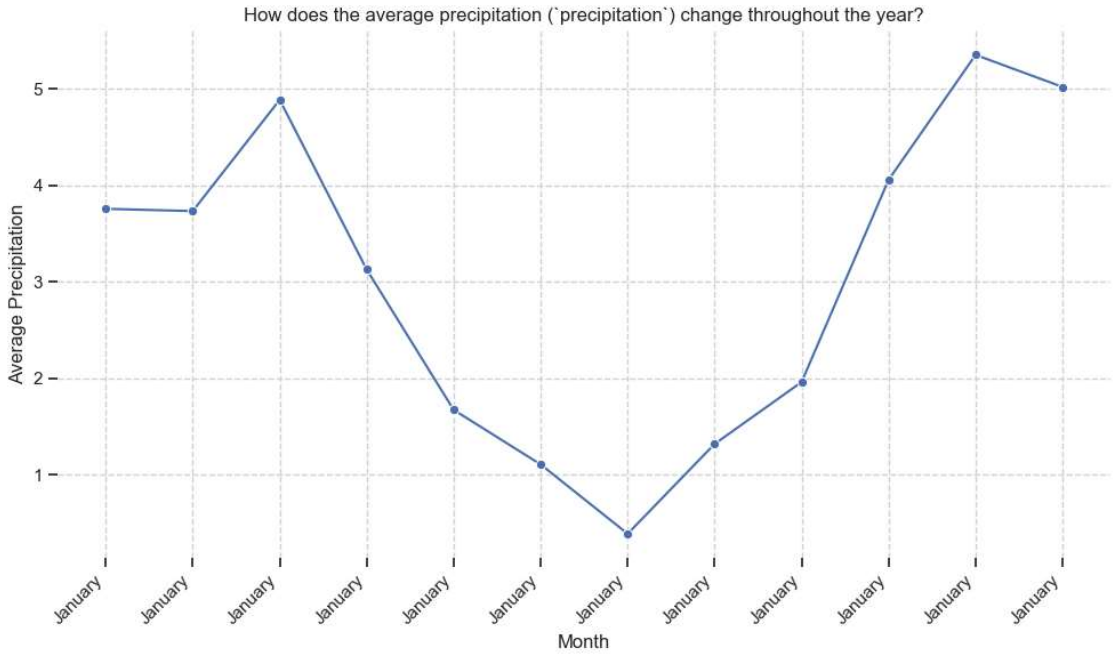
✷ Insight 3:

main() Goal Goal(question='How does the average precipitation (`precipitation`) change throughout the year?', visualization='Line chart showing the average `precipitation` for each month (aggregated from `date`).', rationale='This will illustrate the seasonal precipitation pattern, identifying the wettest and d...

A visualization goal

index int	3
question str	'How does the average precipitation (`precipitation`) change throughout the year?'

`rationale` str	'This will illustrate the seasonal precipitation pattern, identifying the wettest and driest months of the year.'
`visualization` str	'Line chart showing the average `precipitation` for each month (aggregated from `date`).'



˚⋆ʕっ•ᴥ•ʔっ Download Chart ˚⋆

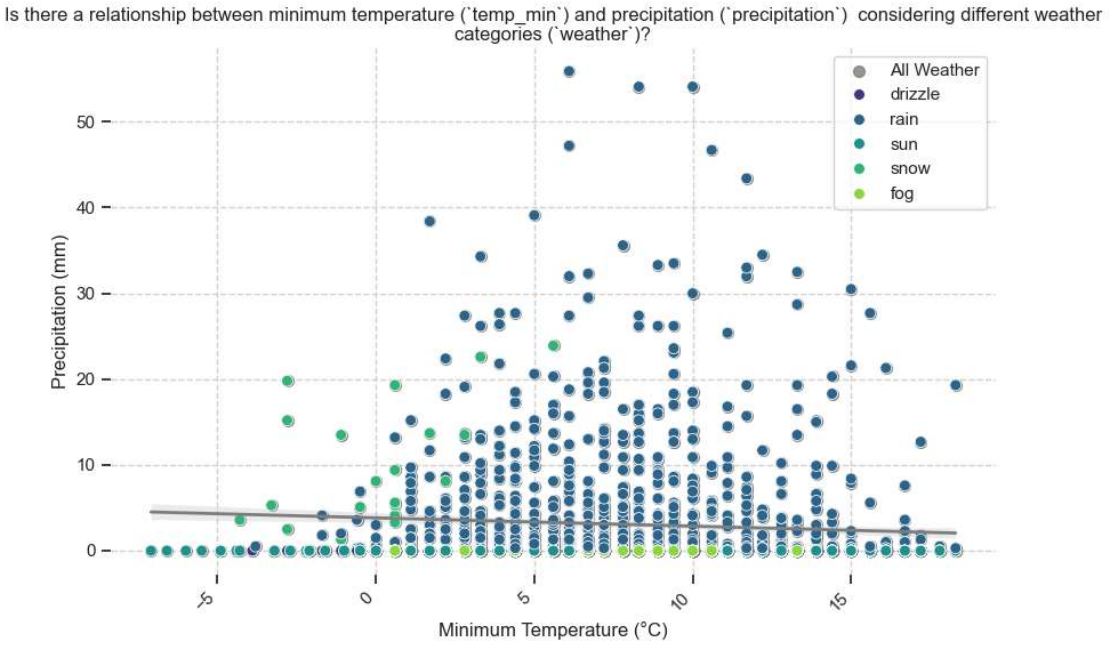
VizOps

✷ Insight 4:

`main()` Goal Goal(question='Is there a relationship between minimum temperature (`temp_min`) and precipitation (`precipitation`) considering different weather categories (`weather`)?', visualization='Scatter plot of `temp_min` vs `precipitation`, with points colored by `weather` category. Consider adding regre...

A visualization goal

index int	4
question str	'Is there a relationship between minimum temperature (`temp_min`) and precipitation (`precipitation`) considering different weather categories (`weather`)?'
rationale str	'This allows investigation of the relationship between temperature and precipitation, stratified by weather type. Regression lines will help quantify the strength and direction of the relationship for each weather condition.'
visualization str	'Scatter plot of `temp_min` vs `precipitation`, with points colored by `weather` category. Consider adding regression lines for each weather type.'



˚⋆ʕつ•ᴥ•ʔつ Download Chart ˚⋆

VizOps