

LIDA Tasks

 Filter Instruction  Requirements

Instruction: 

Temperature

0.00



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.




 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:

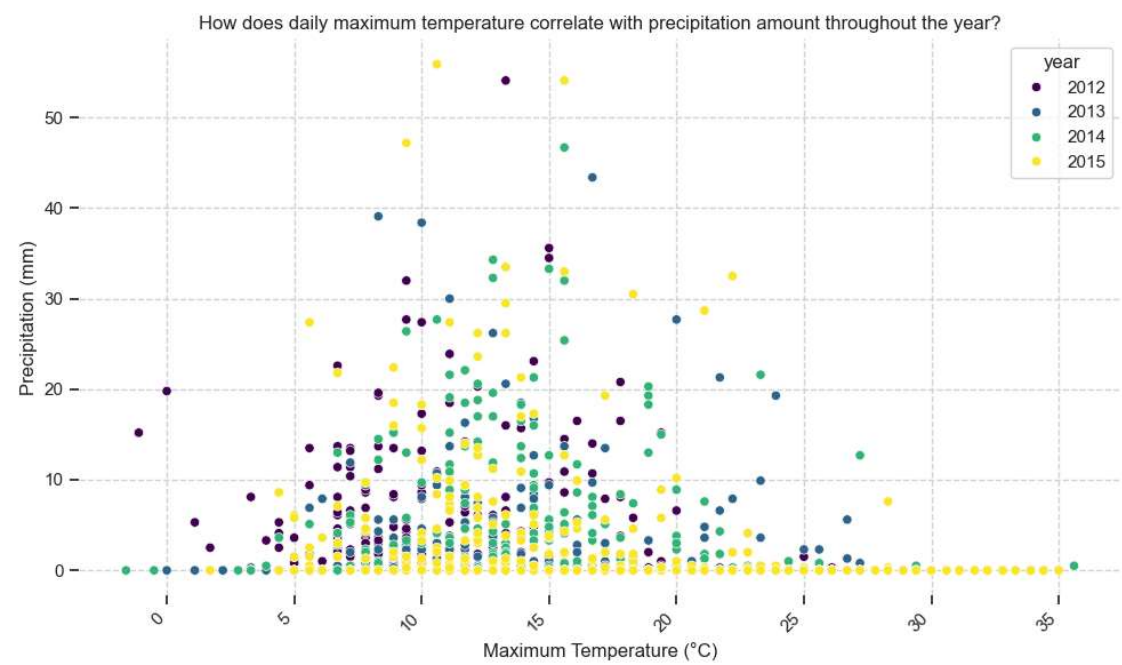
Functions:

Summarize & Goal 

Generate Charts

✳ Insight 0:

<pre>main() Goal Goal(question='How does daily maximum temperature correlate with precipitation amount throughout the year?', visualization="Scatter plot of 'temp_max' vs 'precipitation', with points colored by 'date' (year)", rationale="This visualization uses 'temp_max' and 'precipitation' to explore the relations...")</pre>	
A visualization goal	
index int	0
question str	'How does daily maximum temperature correlate with precipitation amount throughout the year?'
rationale str	"This visualization uses 'temp_max' and 'precipitation' to explore the relationship between temperature and rainfall. Coloring by year ('date') reveals potential seasonal trends in this correlation. A strong positive correlation might indicate that higher temperatures lead to more rainfall, while ...
visualization str	"Scatter plot of 'temp_max' vs 'precipitation', with points colored by 'date' (year)"



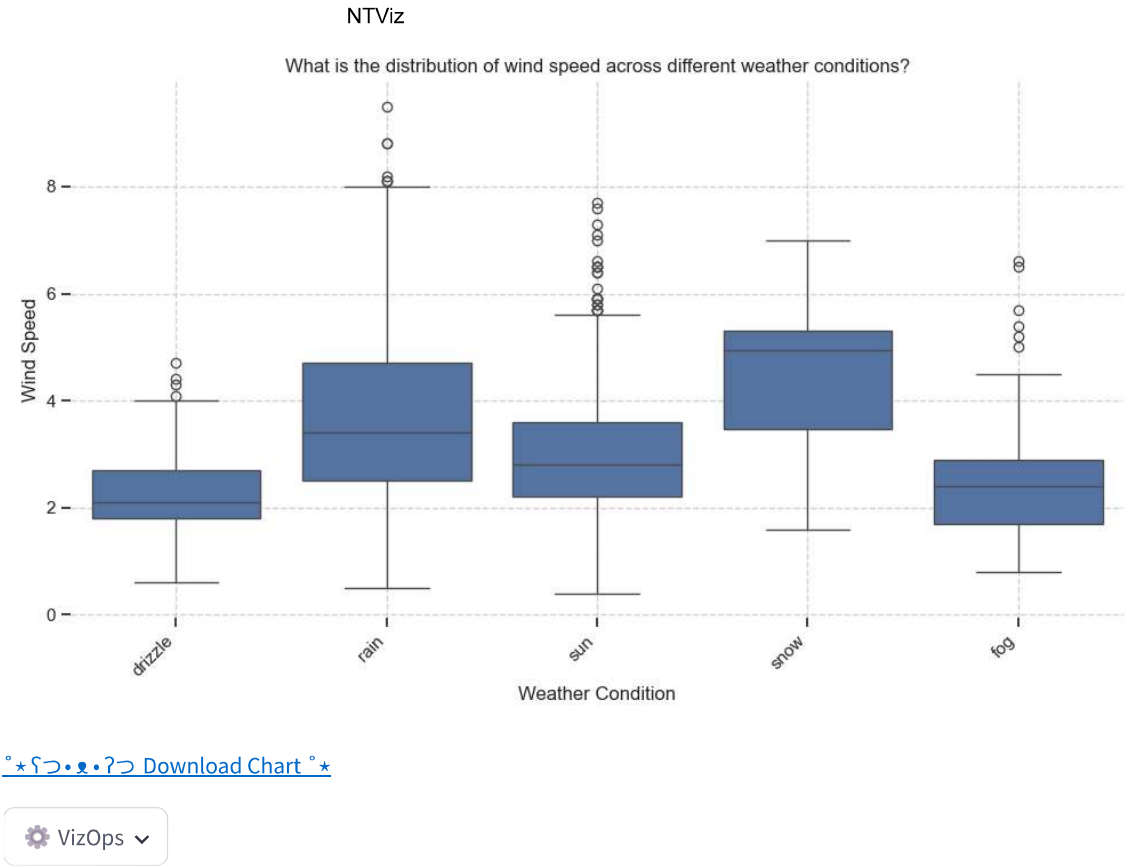
 VizOps 

```
main() Goal(goal='What is the distribution of wind speed across different
weather conditions?', visualization="Box plot of 'wind' grouped by 'weather'",
rationale="This uses 'wind' and 'weather' to compare the distribution of wind speeds
under different weather types ('rain', 'fog', 'sun', etc.). Box p...
```

```
index int 1
```

```
rationale str "This uses 'wind' and 'weather' to compare the distribution of wind
speeds under different weather types ('rain', 'fog', 'sun', etc.). Box
plots effectively show the median, quartiles, and outliers for each
weather type, allowing for easy comparison of central tendencies and
variability."
```

```
visualization str "Box plot of 'wind' grouped by 'weather'"
```



✳ Insight 2:

```
main() Goal Goal(question='How do minimum and maximum temperatures vary over time?',
visualization="Line chart showing trends of 'temp_max' and 'temp_min' over 'date'",
rationale="This visualization uses 'date', 'temp_max', and 'temp_min' to show the
temporal trends of both minimum and maximum temperatures. A ...
```

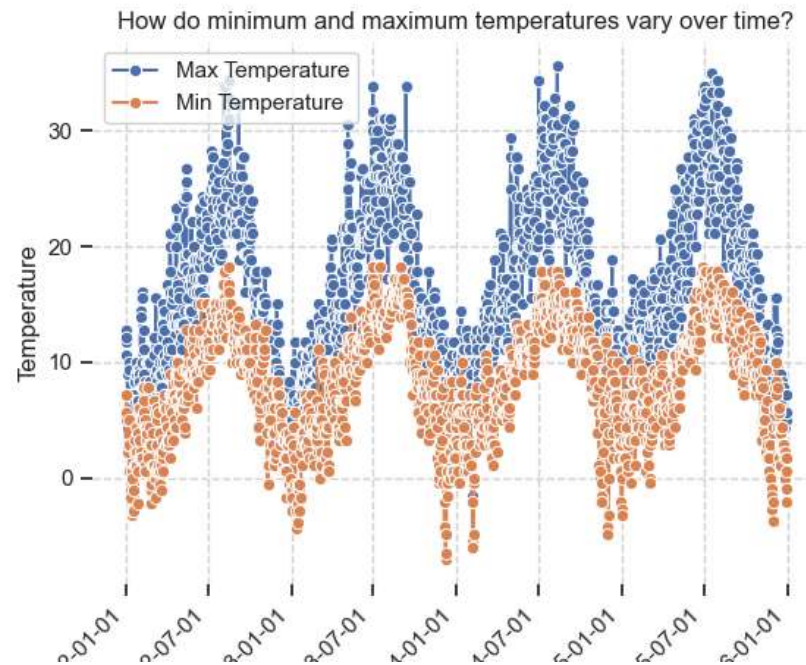
A visualization goal

index	int	2
question	str	'How do minimum and maximum temperatures vary over time?'
rationale	str	"This visualization uses 'date', 'temp_max', and 'temp_min' to show the temporal trends of both minimum and maximum temperatures. A line chart is ideal for visualizing changes over time, allowing for easy

identification of seasonal patterns, long-term trends, and any significant temperature fluctua...

visualization `str`

"Line chart showing trends of 'temp_max' and 'temp_min' over 'date'"



[Download Chart](#)

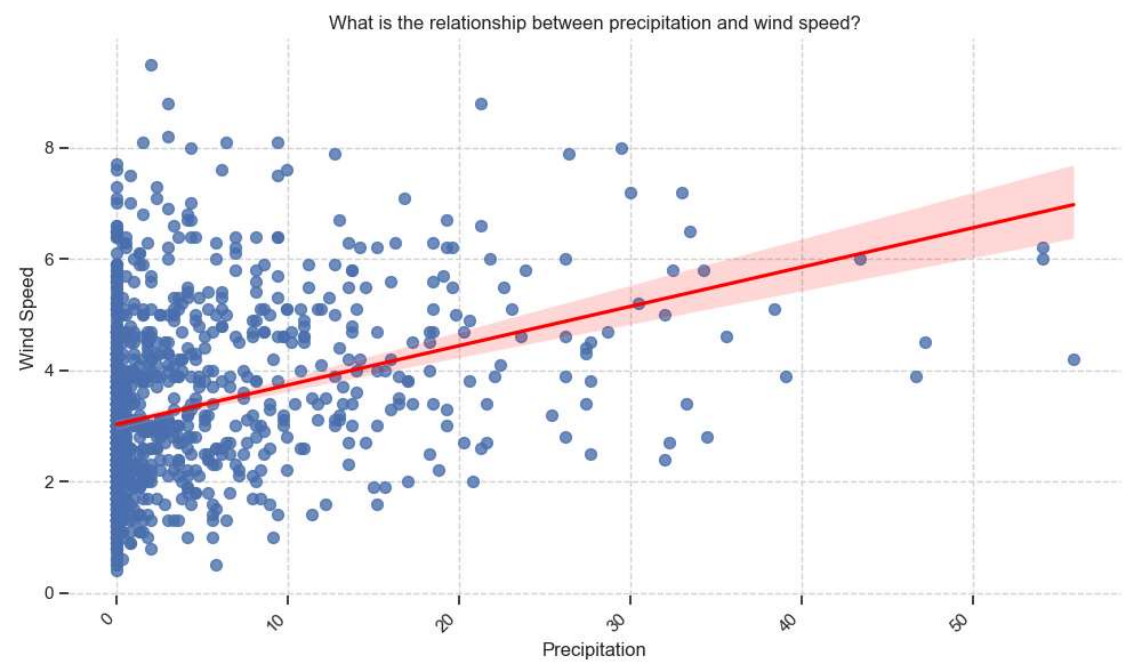
VizOps ▾

★ Insight 3:

```
main() Goal Goal(question='What is the relationship between precipitation and wind speed?', visualization="Scatter plot of 'precipitation' vs 'wind', with a trend line added", rationale="This visualization uses 'precipitation' and 'wind' to explore the relationship between the amount of precipitation and wind s...
```

A visualization goal

index <code>int</code>	3
question <code>str</code>	'What is the relationship between precipitation and wind speed?'
rationale <code>str</code>	"This visualization uses 'precipitation' and 'wind' to explore the relationship between the amount of precipitation and wind speed. A scatter plot with a trend line will reveal the correlation (positive, negative, or none) and the strength of the relationship. This helps understand if higher wind s...
visualization <code>str</code>	"Scatter plot of 'precipitation' vs 'wind', with a trend line added"



[Download Chart](#)

VizOps

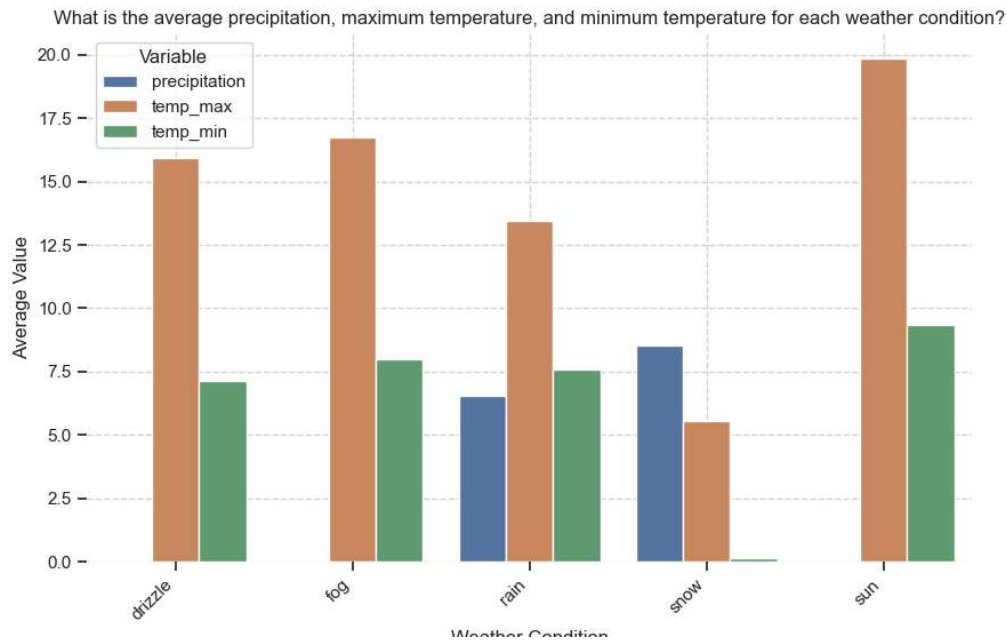
✱ Insight 4:

```
main() Goal Goal(question='What is the average precipitation, maximum temperature, and minimum temperature for each weather condition?', visualization="Bar chart showing the
```

average of 'precipitation', 'temp_max', and 'temp_min' grouped by 'weather'",
rationale="This visualization uses 'precipitation', 'temp_ma..."

A visualization goal

index	int	4
question	str	'What is the average precipitation, maximum temperature, and minimum temperature for each weather condition?'
rationale	str	"This visualization uses 'precipitation', 'temp_max', 'temp_min', and 'weather' to compare the average values of these meteorological variables across different weather conditions. A bar chart provides a clear and concise comparison of the means for each weather type, highlighting potential differe..."
visualization	str	"Bar chart showing the average of 'precipitation', 'temp_max', and 'temp_min' grouped by 'weather'"



Download Chart

VizOps

