- 🏠 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

avocado.csv 1.9MB

Successfully uploaded a CSV file with 18249 rows of data.

	Unnamed: 0	Date	AveragePrice	Total Volume	4046	4225	4770	Total Bags	Small Bags	La
0	0	2015-12-27	1.33	64,236.62	1,036.74	54,454.85	48.16	8,696.87	8,603.62	
1	1	2015-12-20	1.35	54,876.98	674.28	44,638.81	58.33	9,505.56	9,408.07	
2	2	2015-12-13	0.93	118,220.22	794.7	109,149.67	130.5	8,145.35	8,042.21	
3	3	2015-12-06	1.08	78,992.15	1,132	71,976.41	72.58	5,811.16	5,677.4	
4	4	2015-11-29	1.28	51,039.6	941.48	43,838.39	75.78	6,183.95	5,986.26	

No missing or duplicate values found in the data.

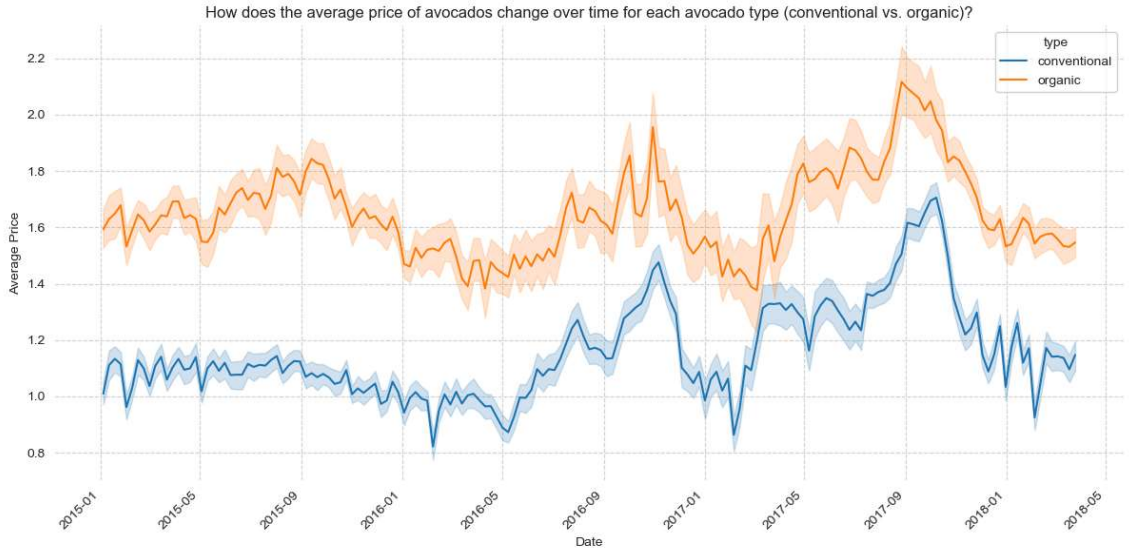
Generate Charts

✷ Insight 0:

`main() Goal` Goal(question='How does the average price of avocados change over time for each avocado type (conventional vs. organic)?', visualization="Line chart showing 'AveragePrice' over 'Date', with separate lines for each 'type'", rationale="This visualization uses 'AveragePrice', 'Date', and 'type' to anal...

A visualization goal

index int	0
question str	'How does the average price of avocados change over time for each avocado type (conventional vs. organic)?'
rationale str	"This visualization uses 'AveragePrice', 'Date', and 'type' to analyze price trends for different avocado types. It will reveal if there are seasonal price fluctuations and how these differ between organic and conventional avocados. The line chart is appropriate for showing trends over time."
visualization str	"Line chart showing 'AveragePrice' over 'Date', with separate lines for each 'type'"



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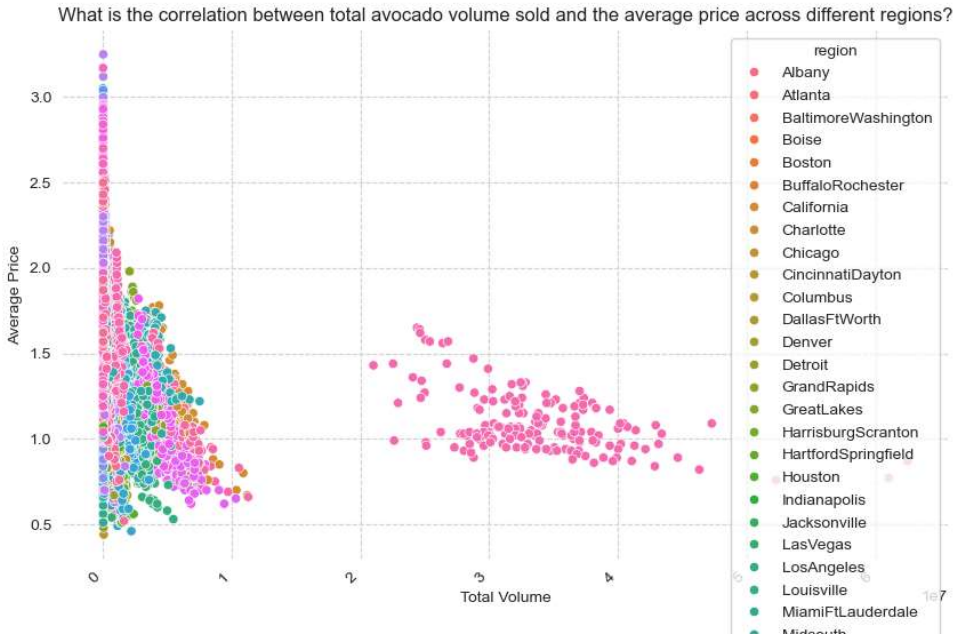
VizOps

✷ Insight 1:

main() Goal Goal(question='What is the correlation between total avocado volume sold and the average price across different regions?', visualization="Scatter plot of 'Total Volume' vs. 'AveragePrice', with points colored by 'region'", rationale="This uses 'Total Volume', 'AveragePrice', and 'region' to explore ...

A visualization goal

index int	1
question str	'What is the correlation between total avocado volume sold and the average price across different regions?'
rationale str	"This uses 'Total Volume', 'AveragePrice', and 'region' to explore the relationship between supply and price across different geographical locations. A scatter plot effectively shows correlation. Color-coding by region allows for regional comparisons."
visualization str	"Scatter plot of 'Total Volume' vs. 'AveragePrice', with points colored by 'region'"



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VizOps

✷ Insight 2:

```
main() Goal Goal(question="What is the distribution of avocado sizes ('4046', '4225', '4770', 'Total Bags', 'Small Bags', 'Large Bags', 'XLarge Bags') sold over time?", visualization="Stacked area chart showing the volume of each size category ('4046', '4225', '4770', 'Total Bags', 'Small Bags', 'Large Bags', '...
```

A visualization goal

index int	2
question str	"What is the distribution of avocado sizes ('4046', '4225', '4770', 'Total Bags', 'Small Bags', 'Large Bags', 'XLarge Bags') sold over time?"

rationale str	"This visualization uses all the bag size columns and 'Date' to show the proportion of each avocado size sold over time. A stacked area chart is ideal for visualizing the composition of a whole over time. This helps understand shifts in consumer preferences for avocado sizes."
visualization str	"Stacked area chart showing the volume of each size category ('4046', '4225', '4770', 'Total Bags', 'Small Bags', 'Large Bags', 'XLarge Bags') over 'Date'"