- 🏠 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

0.00

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

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.

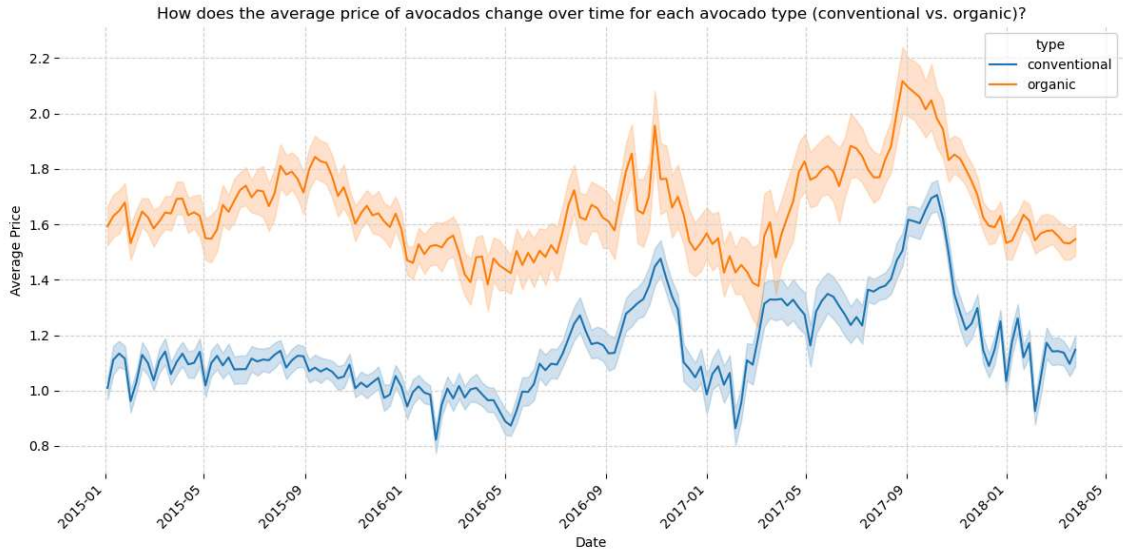
Generate Charts

✷ 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 'Date' for the x-axis and 'AveragePrice' f...

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 'Date' for the x-axis and 'AveragePrice' for the y-axis, separating lines by 'type'. It will reveal trends in avocado pricing over time for both conventional and organic avocados, allowing for comparison of price fluctuations and potential seasonal effects."
visualization str	"Line chart showing 'AveragePrice' over 'Date', with separate lines for each 'type'"



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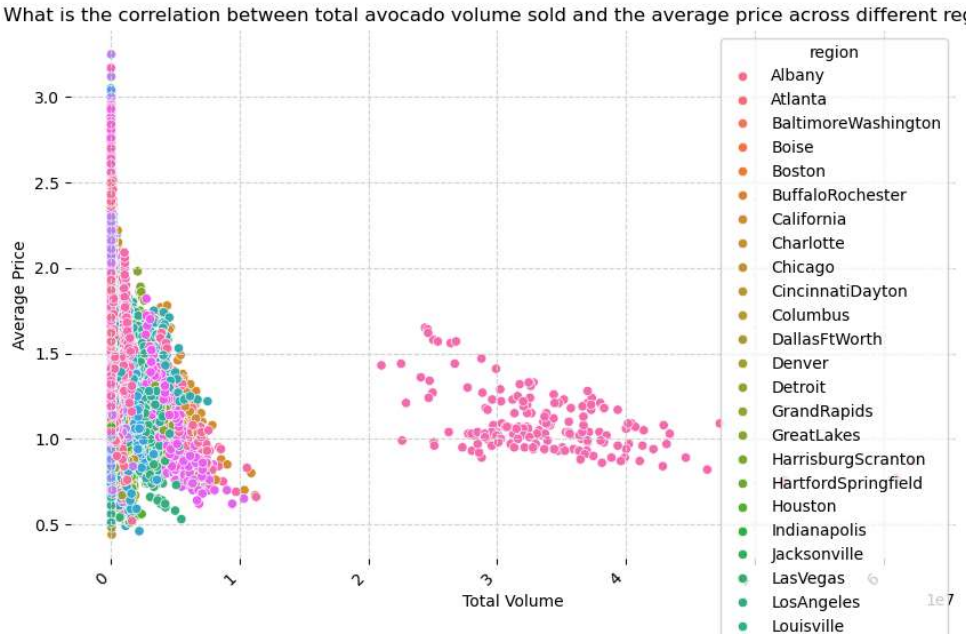
VizOps

✷ 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' and 'AveragePrice' as the x and y axes re...
```

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' and 'AveragePrice' as the x and y axes respectively. Coloring by 'region' allows us to identify regional variations in the price-volume relationship. This helps understand if higher volumes lead to lower prices (or vice-versa) and if this relationship differs geographical...
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 sales across different bag sizes ('Small Bags', 'Large Bags', 'XLarge Bags') over time?", visualization="Stacked area chart showing 'Small Bags', 'Large Bags', and 'XLarge Bags' over 'Date'", rationale="This visualization uses 'Date' on the x-axis a...
```

A visualization goal

index int	2
question str	"What is the distribution of avocado sales across different bag sizes ('Small Bags', 'Large Bags', 'XLarge Bags') over time?"
rationale str	"This visualization uses 'Date' on the x-axis and the sum of 'Small Bags', 'Large Bags', and 'XLarge Bags' as the y-axis. Stacking the

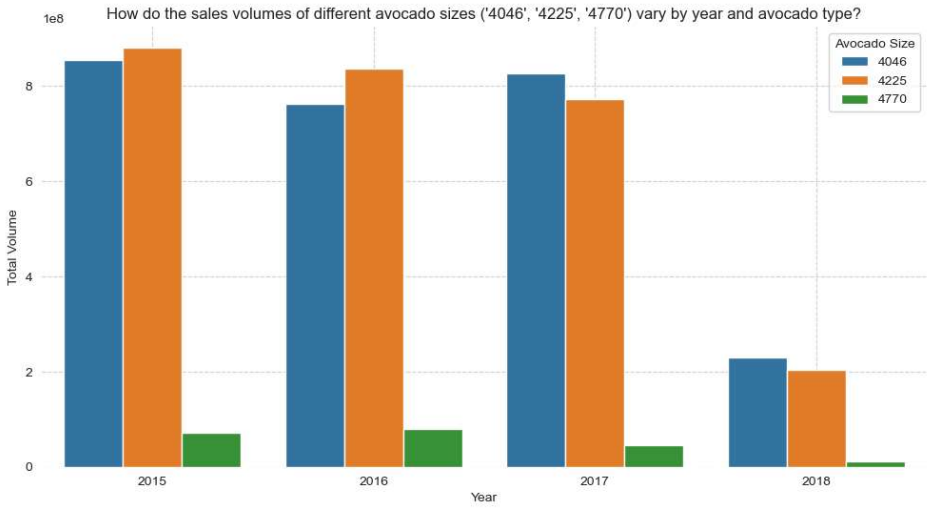
	areas allows for easy comparison of the proportion of each bag size sold over time, revealing potential shifts in consumer preferences or market trends."
visualization str	"Stacked area chart showing 'Small Bags', 'Large Bags', and 'XLarge Bags' over 'Date'"

✷ Insight 3:

main() Goal Goal(question="How do the sales volumes of different avocado sizes ('4046', '4225', '4770') vary by year and avocado type?", visualization="Grouped bar chart showing the sum of '4046', '4225', and '4770' for each 'year' and 'type'", rationale="This uses 'year' and 'type' to group the bars, and the s...

A visualization goal

index int	3
question str	"How do the sales volumes of different avocado sizes ('4046', '4225', '4770') vary by year and avocado type?"
rationale str	"This uses 'year' and 'type' to group the bars, and the sum of '4046', '4225', and '4770' as the bar heights. This will show the sales volume of each avocado size across different years and types, highlighting potential differences in demand based on size and type."
visualization str	"Grouped bar chart showing the sum of '4046', '4225', and '4770' for each 'year' and 'type'"



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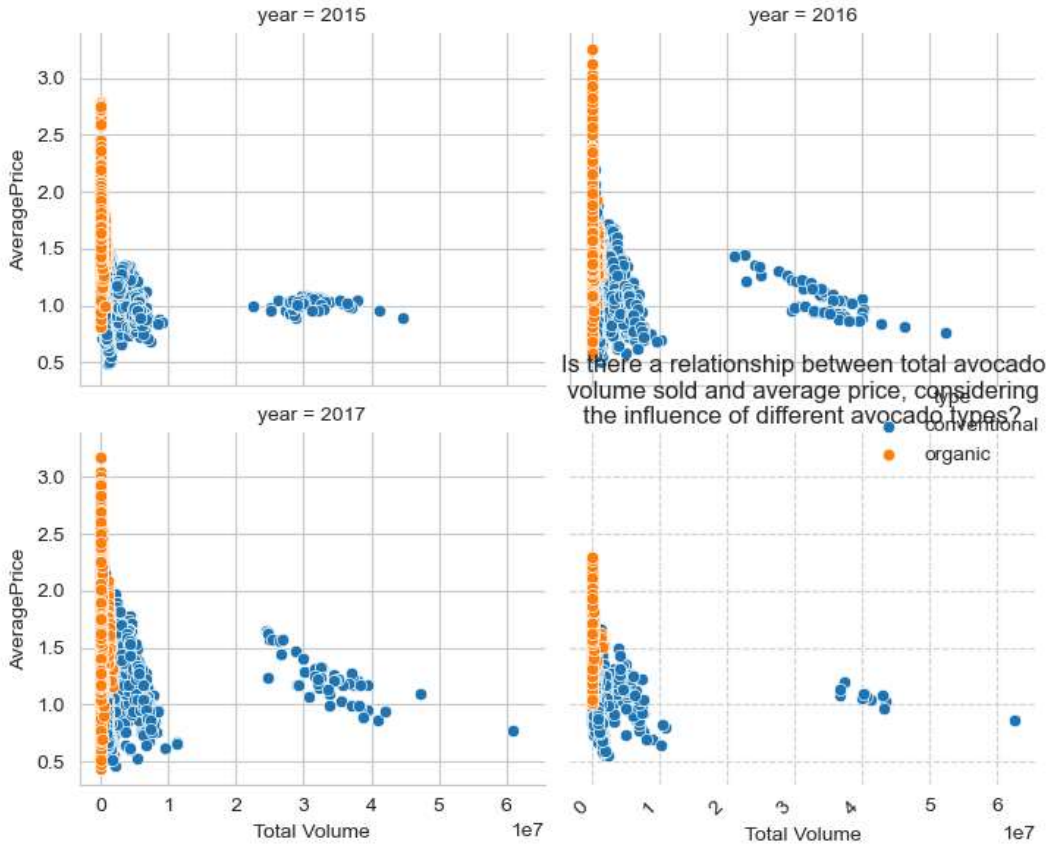
✷ Insight 4:

`main()` `Goal` Goal(question='Is there a relationship between total avocado volume sold and average price, considering the influence of different avocado types?', visualization="Scatter plot of 'Total Volume' vs. 'AveragePrice', with points colored by 'type' and potentially faceted by 'year'", rationale="This visu...

A visualization goal

index `int`	4
question `str`	'Is there a relationship between total avocado volume sold and average price, considering the influence of different avocado types?'
rationale `str`	"This visualization uses 'Total Volume' and 'AveragePrice' as the x and y axes. Coloring by 'type' and potentially faceting by 'year' will allow for a detailed analysis of the price-volume relationship, considering the impact of avocado type and temporal variations. This helps to understand if the ...

visualization str	"Scatter plot of 'Total Volume' vs. 'AveragePrice', with points colored by 'type' and potentially faceted by 'year'"



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