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☑ 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
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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 |

📄 WA_Marketing-Campaign.csv 13.9KB   ✕

Successfully uploaded a CSV file with 548 rows of data.

	MarketID	MarketSize	LocationID	AgeOfStore	Promotion	week	SalesInThousands
0	1	Medium	1	4	3	1	33.73
1	1	Medium	1	4	3	2	35.67
2	1	Medium	1	4	3	3	29.03
3	1	Medium	1	4	3	4	39.25
4	1	Medium	2	5	2	1	27.81

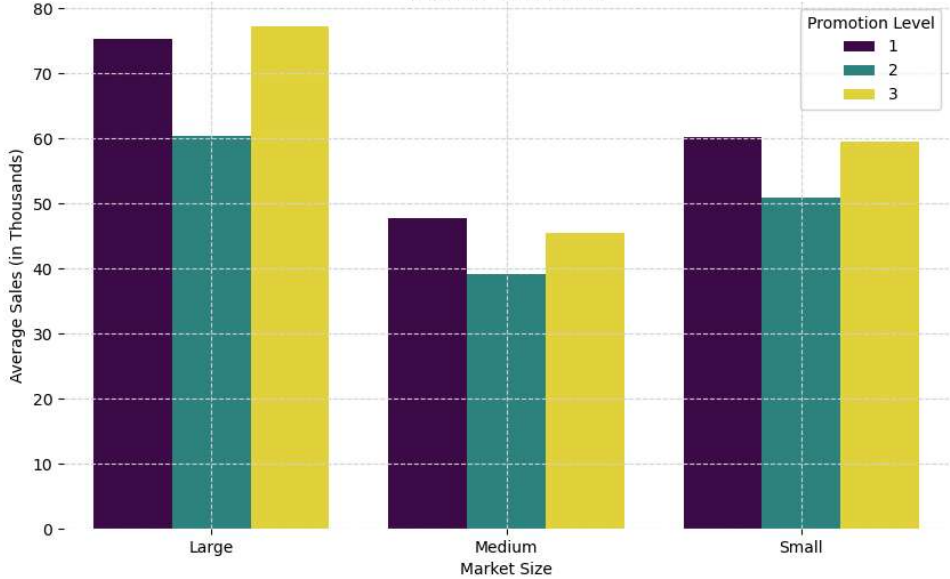No missing or duplicate values found in the data.

Generate Charts

✳ Insight 0:

```
main() Goal Goal(question='How does the average sales (`SalesInThousands`) vary across
different Market Sizes (`MarketSize`) and Promotion levels (`Promotion`)?',
visualization='Bar chart showing average `SalesInThousands` grouped by `MarketSize` and
`Promotion`.', rationale='This visualization will reveal if l...
```

A visualization goal	
index int	0
question str	'How does the average sales (`SalesInThousands`) vary across different Market Sizes (`MarketSize`) and Promotion levels (`Promotion`)?'
rationale str	'This visualization will reveal if larger markets or specific promotions significantly impact sales. Using a bar chart allows for easy comparison of average sales across different categories.'
visualization str	'Bar chart showing average `SalesInThousands` grouped by `MarketSize` and `Promotion`.'

How does the average sales (`SalesInThousands`) vary across different Market Sizes (`MarketSize`) and Promotion levels (`Promotion`)?
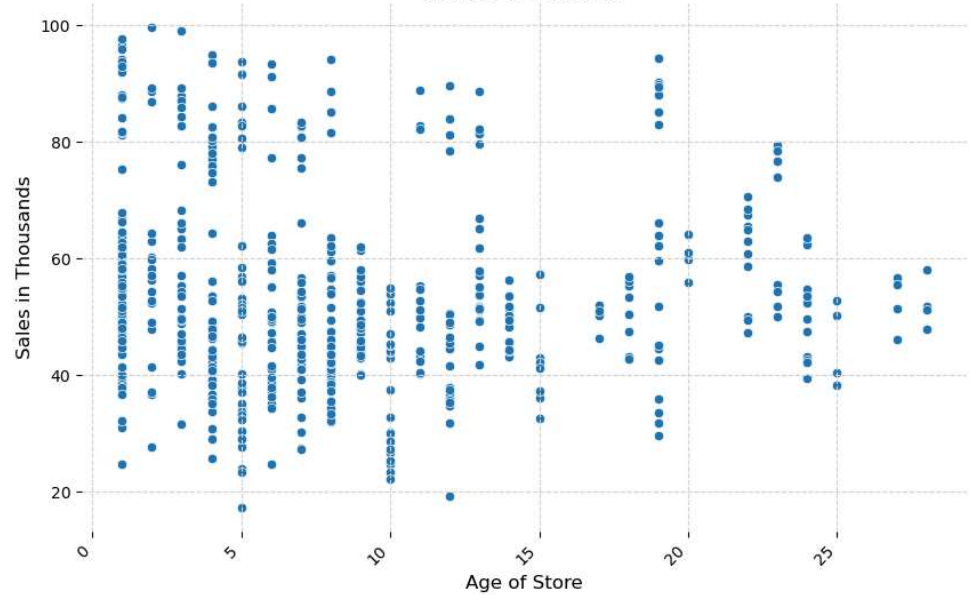

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VizOps ⌄

✳ Insight 1:

```
main() Goal Goal(question='What is the relationship between `AgeOfStore` and
`SalesInThousands`? Is there a correlation, and if so, is it positive or negative?',
visualization='Scatter plot of `AgeOfStore` vs. `SalesInThousands`.', rationale='A
scatter plot will show the correlation between store age and sales....
```

A visualization goal	
index int	1
question str	'What is the relationship between `AgeOfStore` and `SalesInThousands`? Is there a correlation, and if so, is it positive or negative?'
rationale str	'A scatter plot will show the correlation between store age and sales. We can visually assess if older stores tend to have higher or lower sales, and whether the relationship is linear or non-linear.'
visualization str	'Scatter plot of `AgeOfStore` vs. `SalesInThousands`.'

What is the relationship between `AgeOfStore` and `SalesInThousands`? Is there a correlation, and if so, is it positive or negative?

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⚙ VizOps ⌄

✳ Insight 2:

```
main() Goal Goal(question='How do sales (`SalesInThousands`) change over time (`week`)?
Are there any significant weekly trends?', visualization='Line chart showing the average
`SalesInThousands` over each `week`.', rationale='A line chart will clearly illustrate
sales trends over the four weeks. We can identi...
```
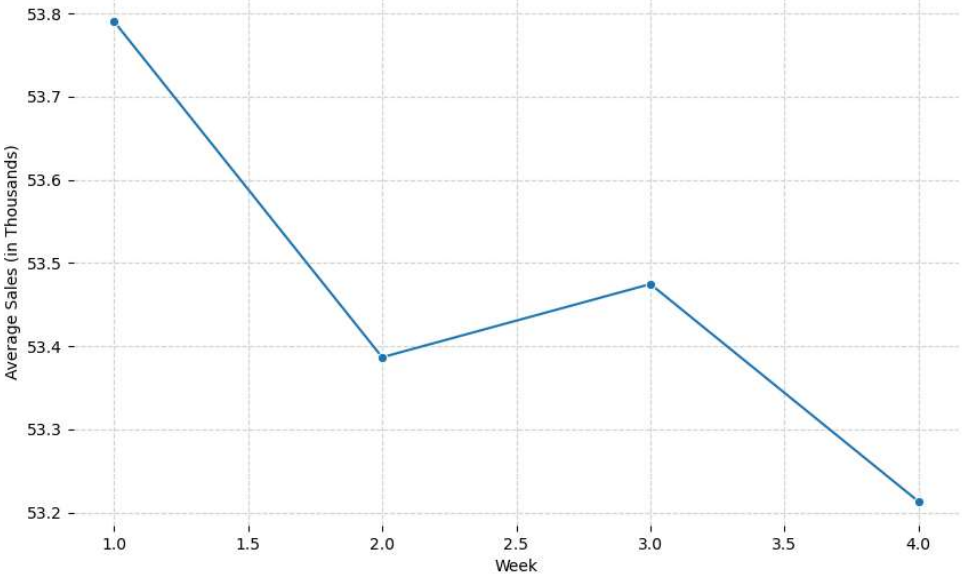
A visualization goal

index int	2
question str	'How do sales (`SalesInThousands`) change over time (`week`)? Are there any significant weekly trends?'
rationale str	'A line chart will clearly illustrate sales trends over the four weeks. We can identify any upward or downward trends, or any significant

		fluctuations from week to week.'
visualization str		'Line chart showing the average `SalesInThousands` over each `week`.'

How do sales (`SalesInThousands`) change over time (`week`)? Are there any significant weekly trends?

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⚙ VizOps ⌄

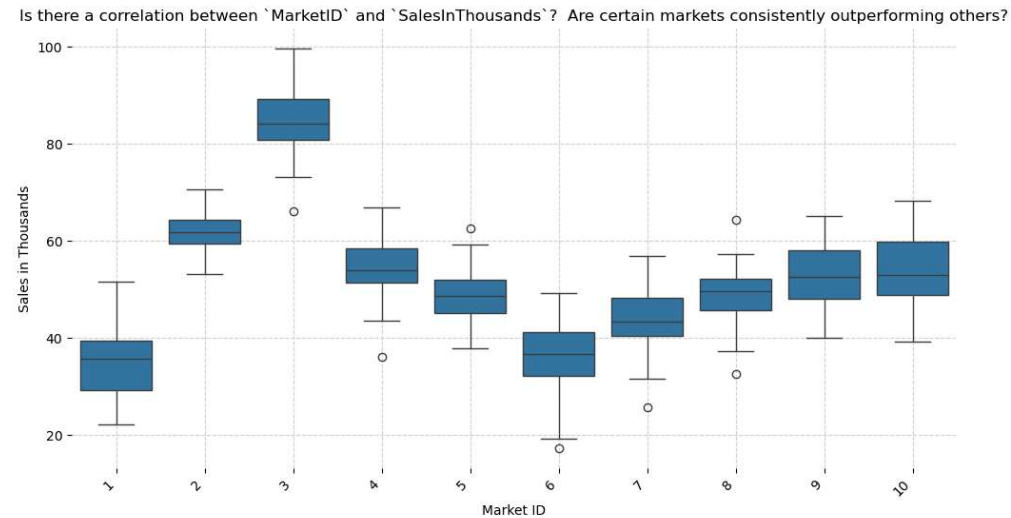## ✳ Insight 3:

main() Goal Goal(question='Is there a correlation between `MarketID` and `SalesInThousands`? Are certain markets consistently outperforming others?', visualization='Box plot of `SalesInThousands` for each `MarketID`.', rationale='A box plot will show the distribution of sales for each market, allowing for easy...

A visualization goal

index int		3

question str	'Is there a correlation between `MarketID` and `SalesInThousands`? Are certain markets consistently outperforming others?'
rationale str	'A box plot will show the distribution of sales for each market, allowing for easy comparison of median sales, variability, and the presence of outliers. This helps identify high-performing and low-performing markets.'
visualization str	'Box plot of `SalesInThousands` for each `MarketID`.'

Is there a correlation between `MarketID` and `SalesInThousands`? Are certain markets consistently outperforming others?
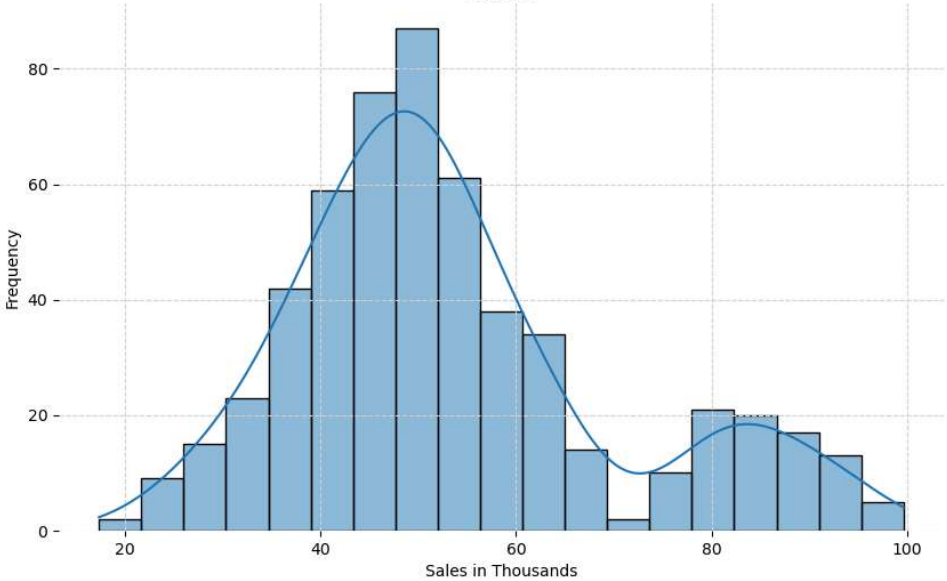
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⚙ VizOps ⌄

✳ Insight 4:

main() Goal Goal(question='What is the distribution of `SalesInThousands`? Are there any significant outliers or unusual patterns in sales figures?', visualization='Histogram of `SalesInThousands`.', rationale='A histogram will provide a visual representation of the frequency distribution of sales values. This ...

A visualization goal

index `int`	4
question `str`	'What is the distribution of `SalesInThousands`? Are there any significant outliers or unusual patterns in sales figures?'
rationale `str`	'A histogram will provide a visual representation of the frequency distribution of sales values. This helps identify the central tendency, spread, and potential outliers, providing insights into the overall sales performance.'
visualization `str`	'Histogram of `SalesInThousands`.'

What is the distribution of `SalesInThousands`? Are there any significant outliers or unusual patterns in sales figures?

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