



Seeing Your Data Comparisons



Brock Tubre

INSTRUCTOR

Comparisons

Visualizing comparisons in your data can provide a static snapshot of how different variables compare and show how different variables change over time.

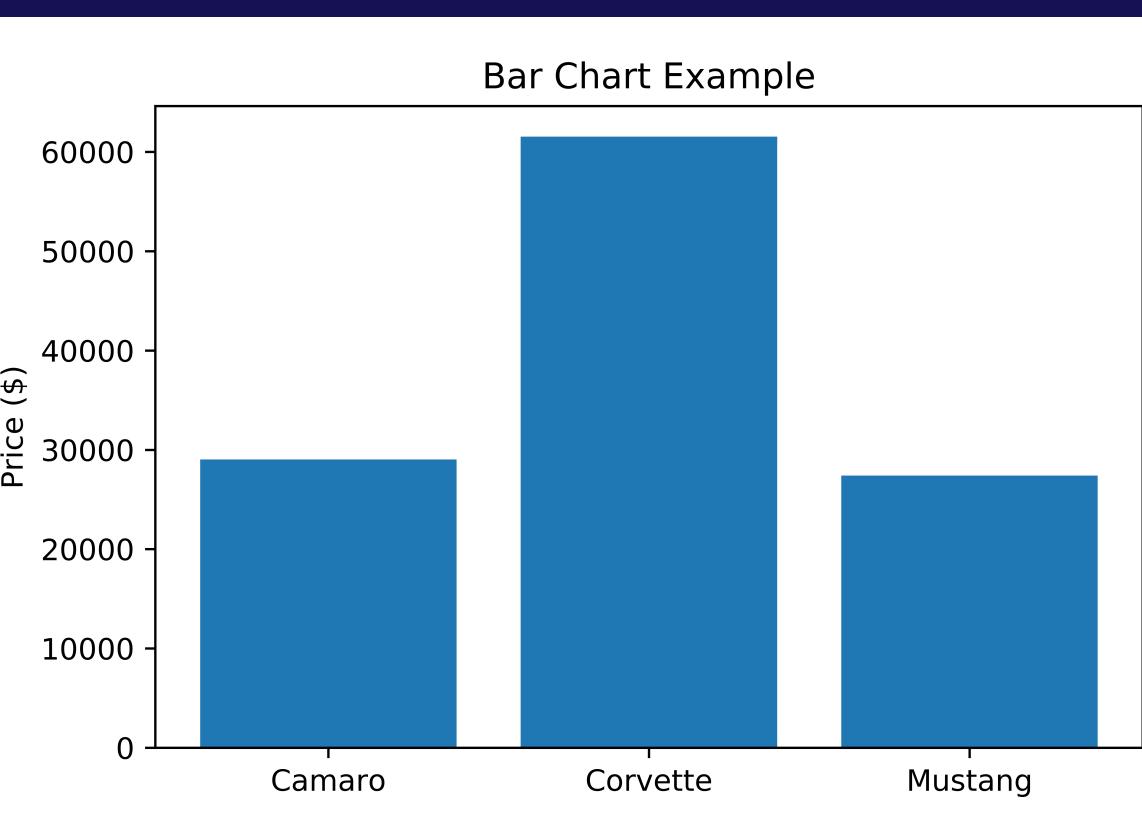


Seeing Your Data - Comparisons

1

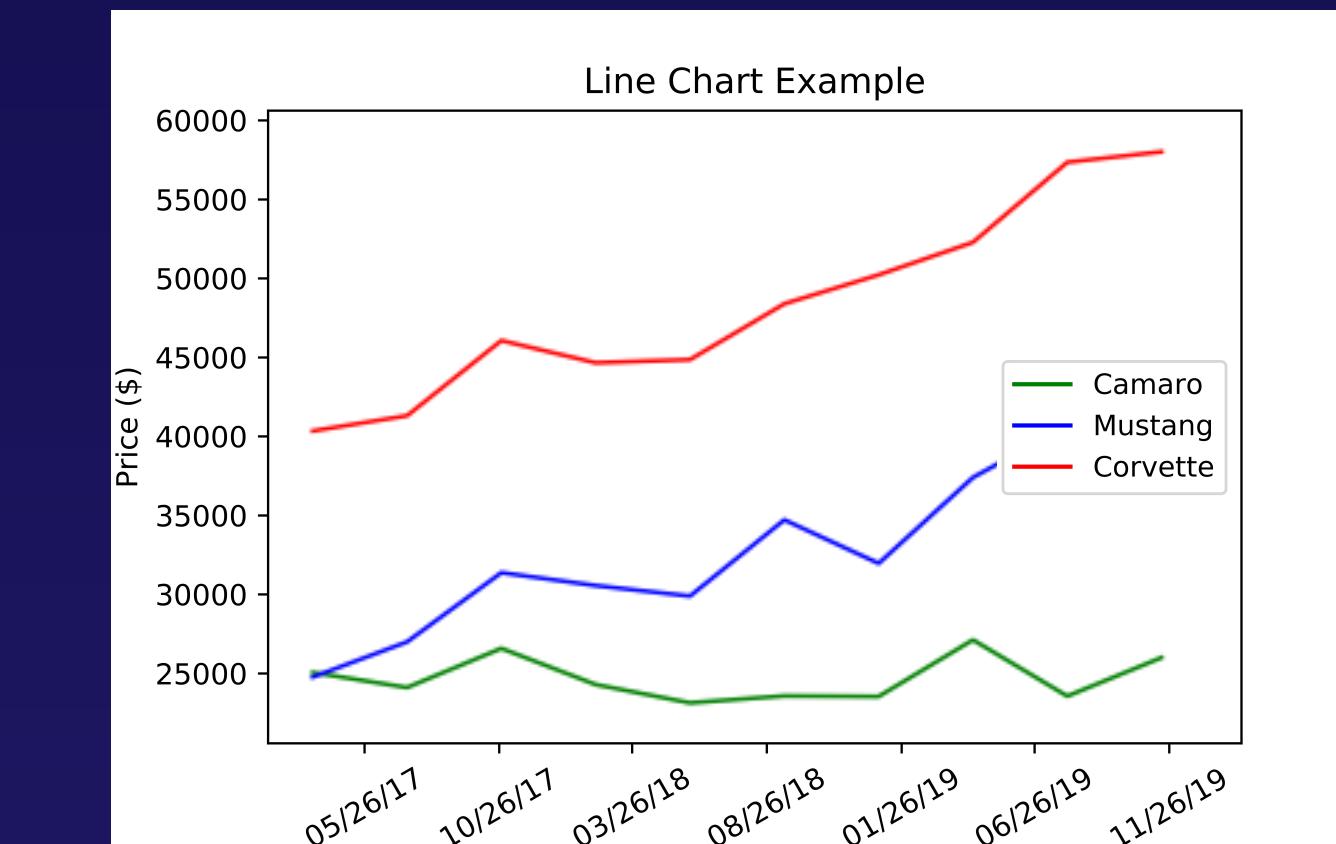
Bar Charts

Bar charts are graphs that use lines (bars) to mark single variable values. Provides a way to lookup and compare values.

**2**

Line Charts

Line charts are graphs that use lines to show one or more variables changing over time.

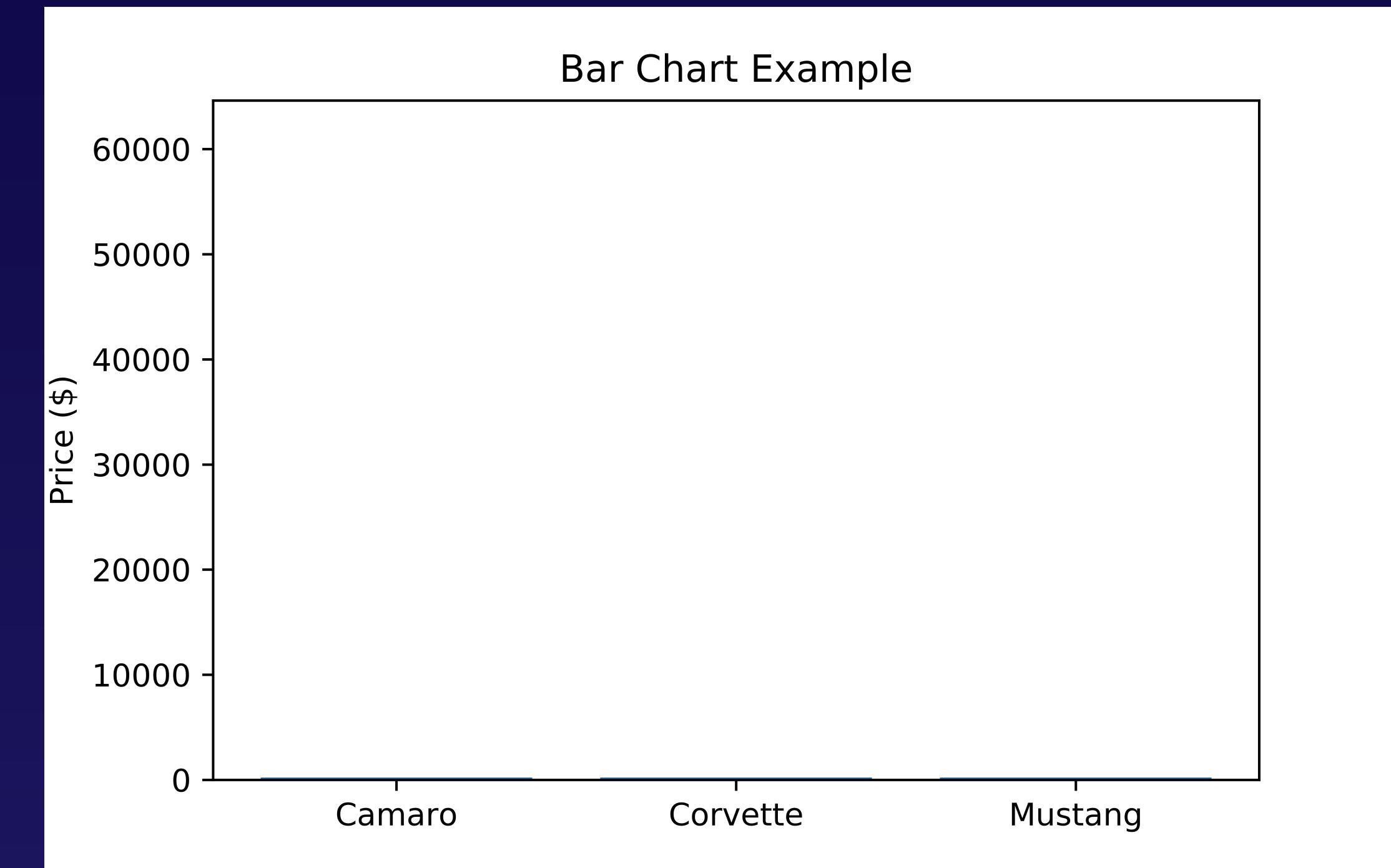


Comparing Muscle Cars



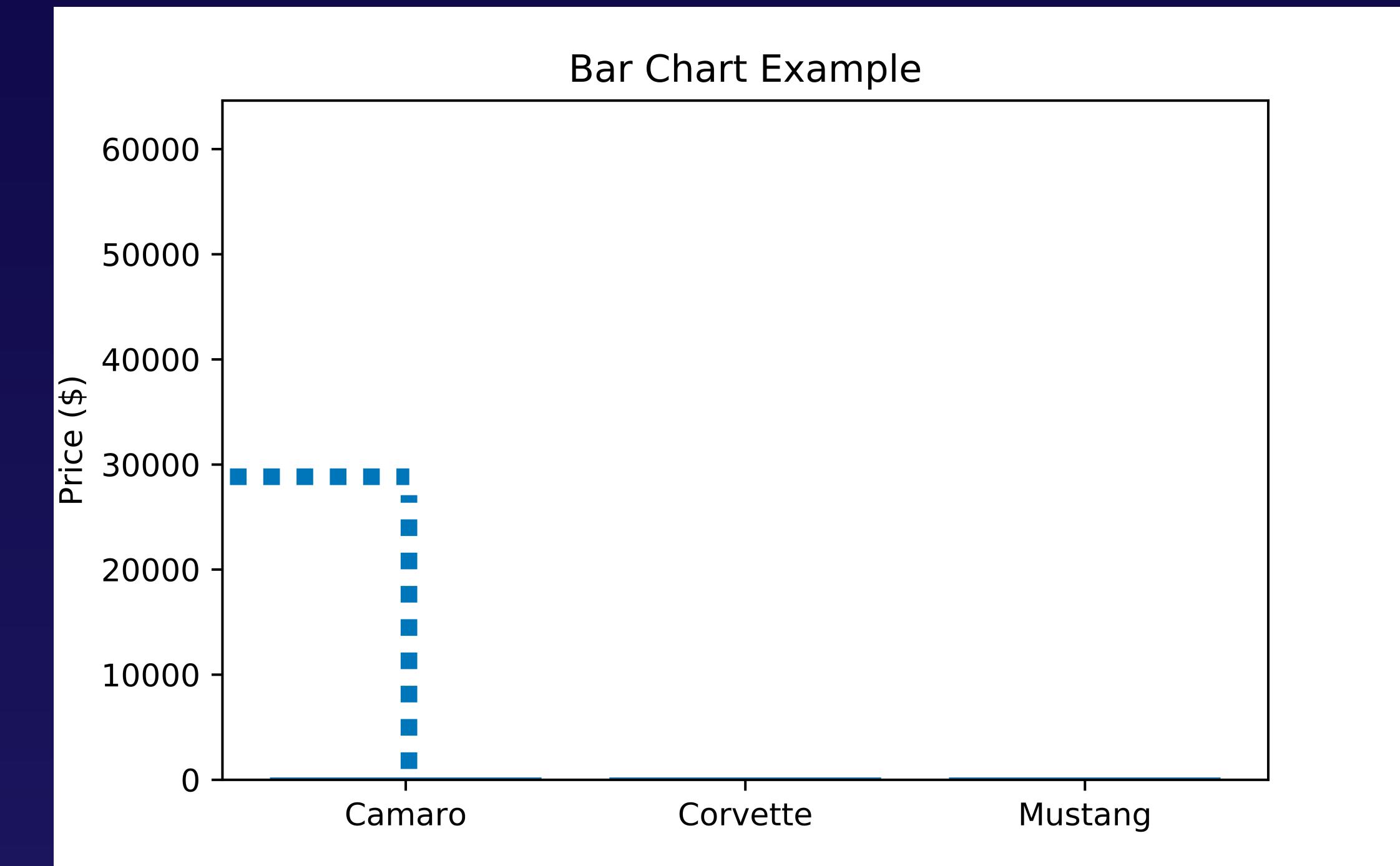
Bar Charts

car	price
mustang	26395
corvette	59600
mustang	25900
camaro	25125
corvette	54988
camaro	23680
...	...



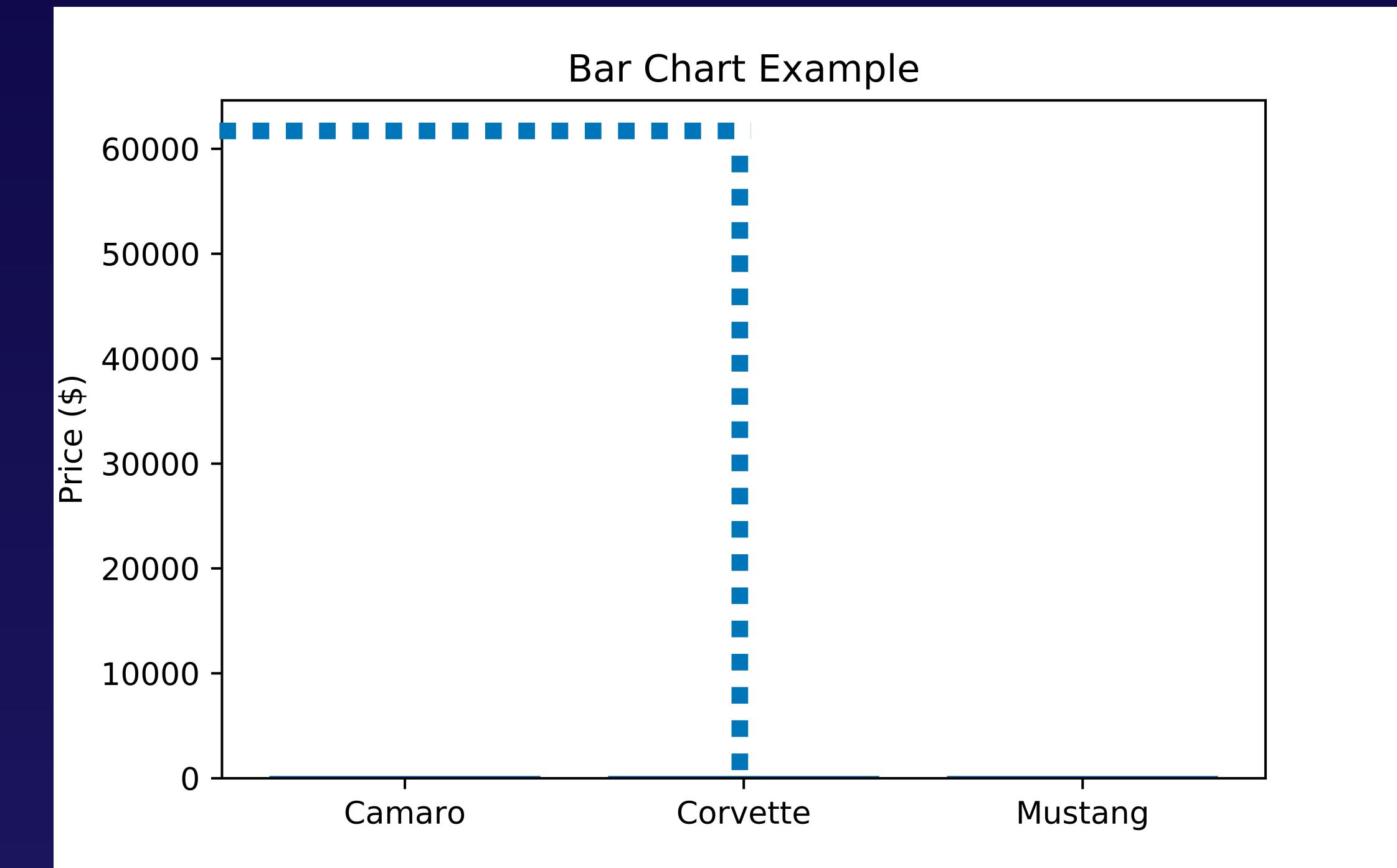
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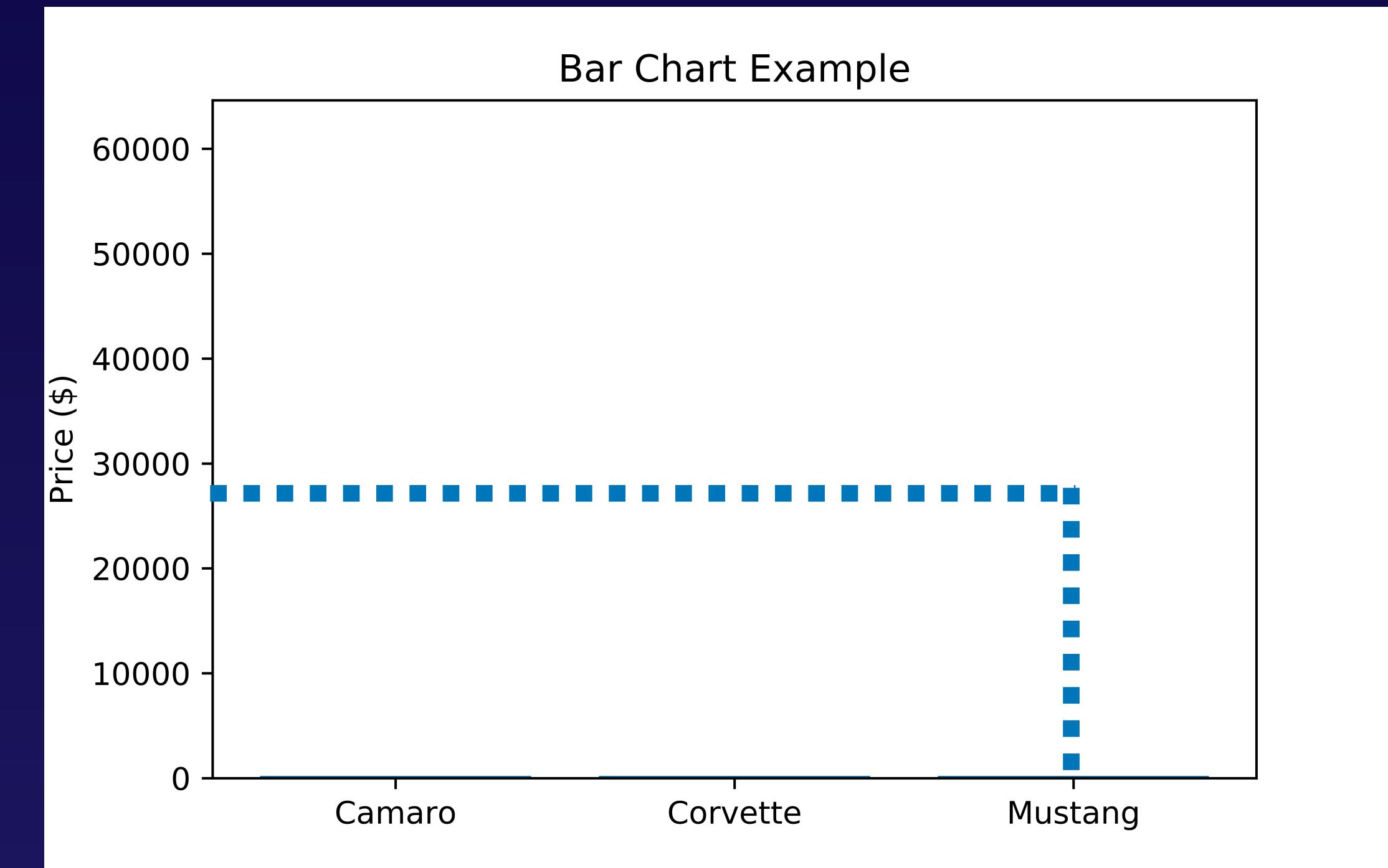
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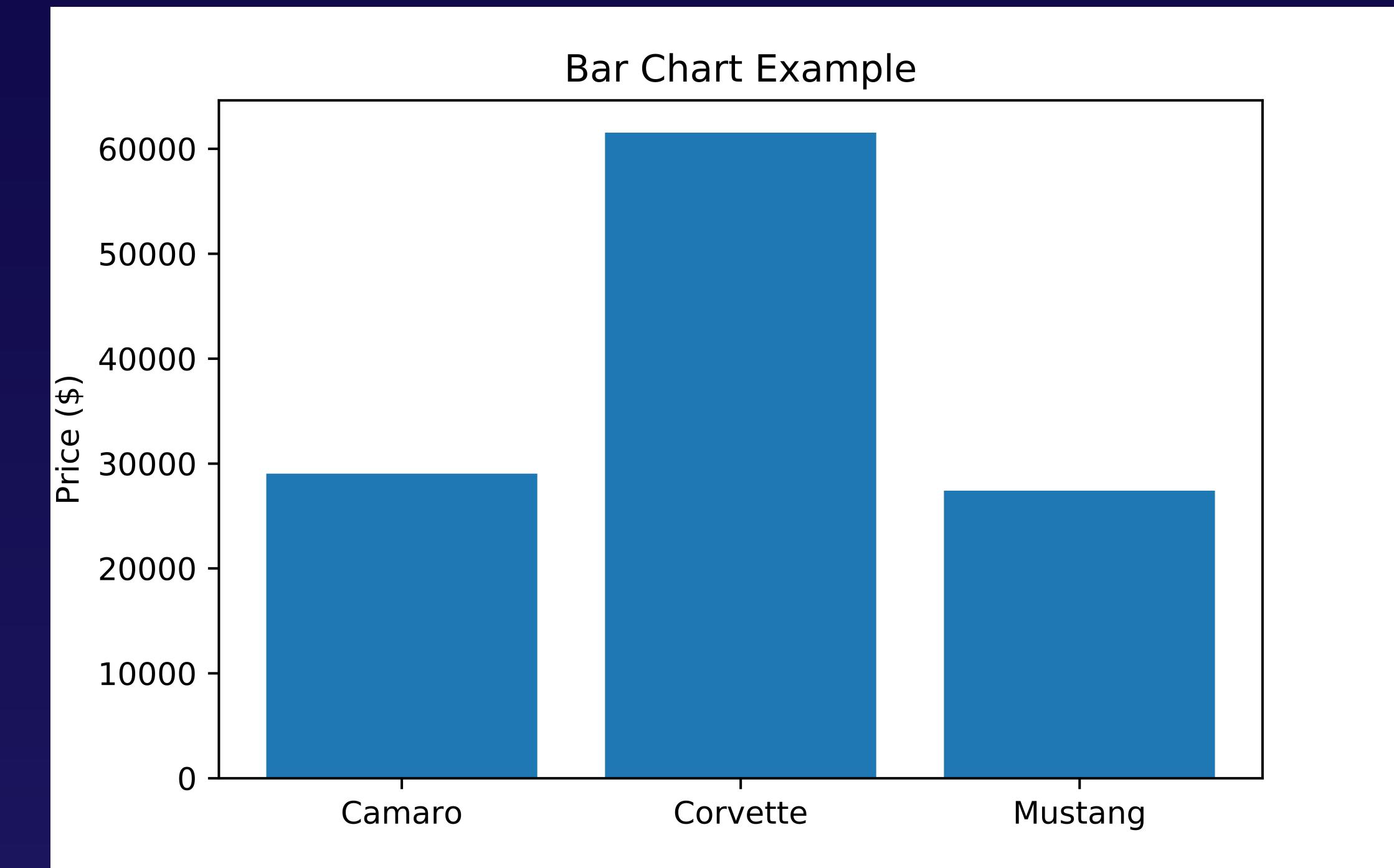
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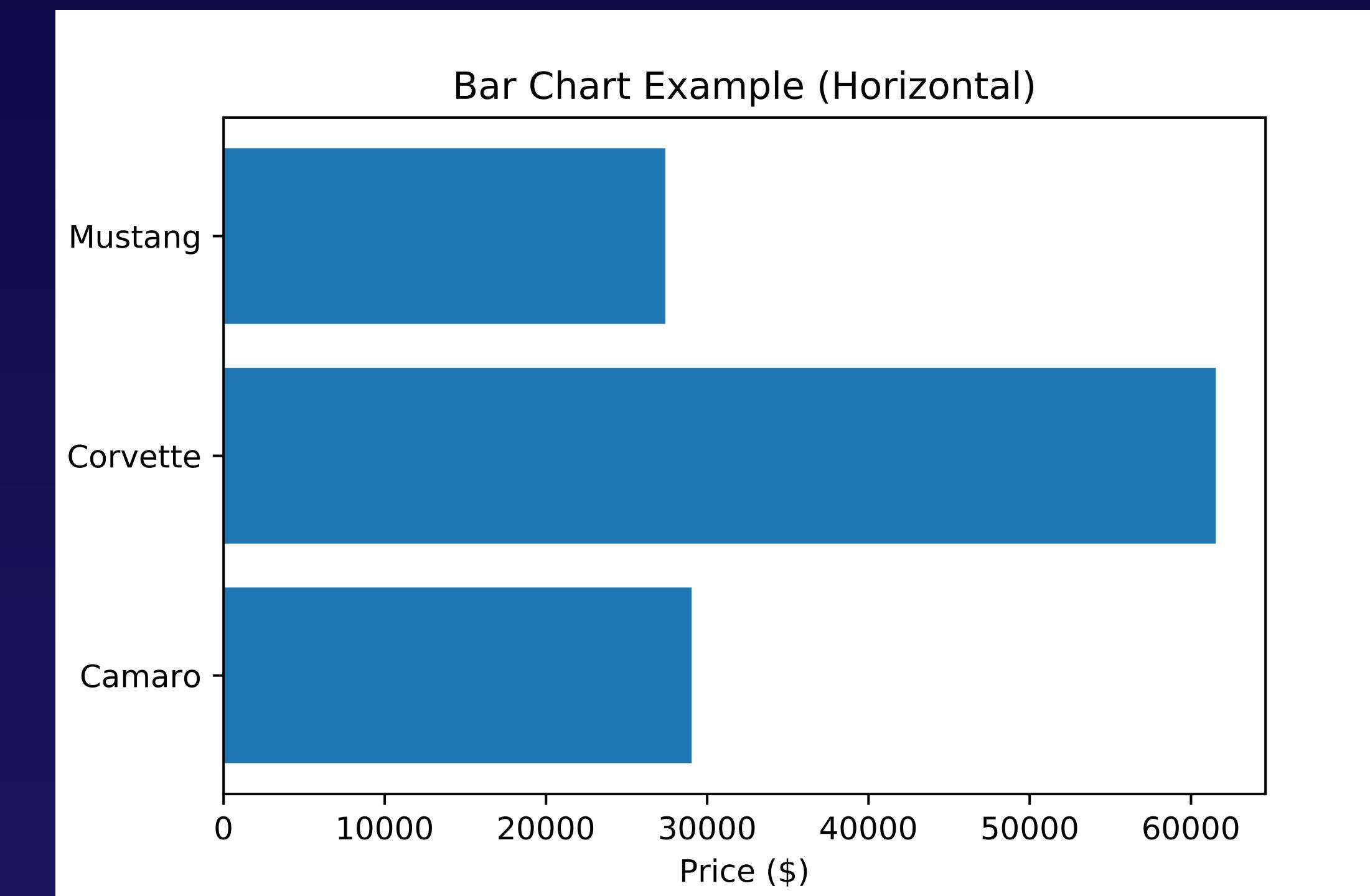
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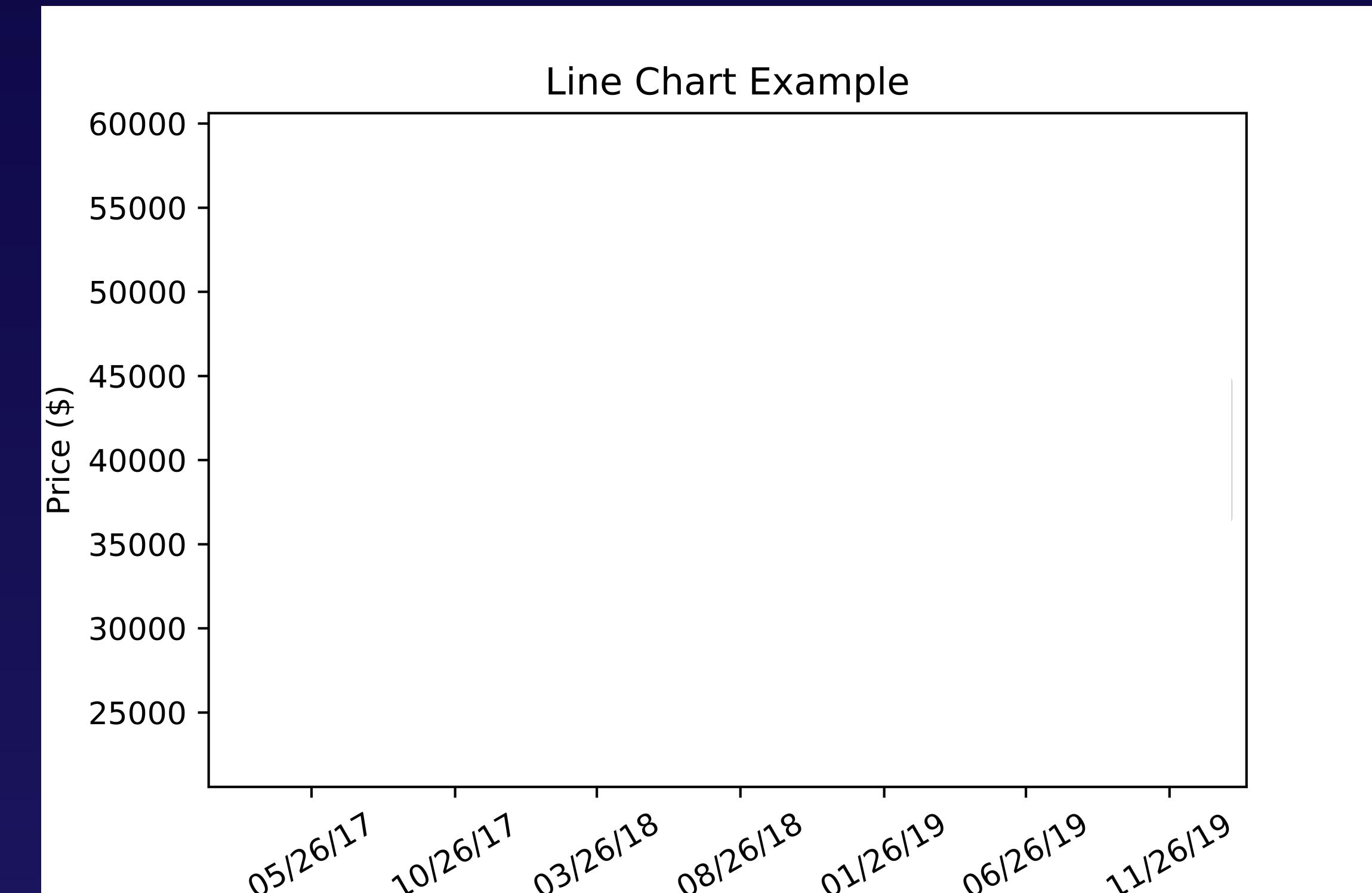
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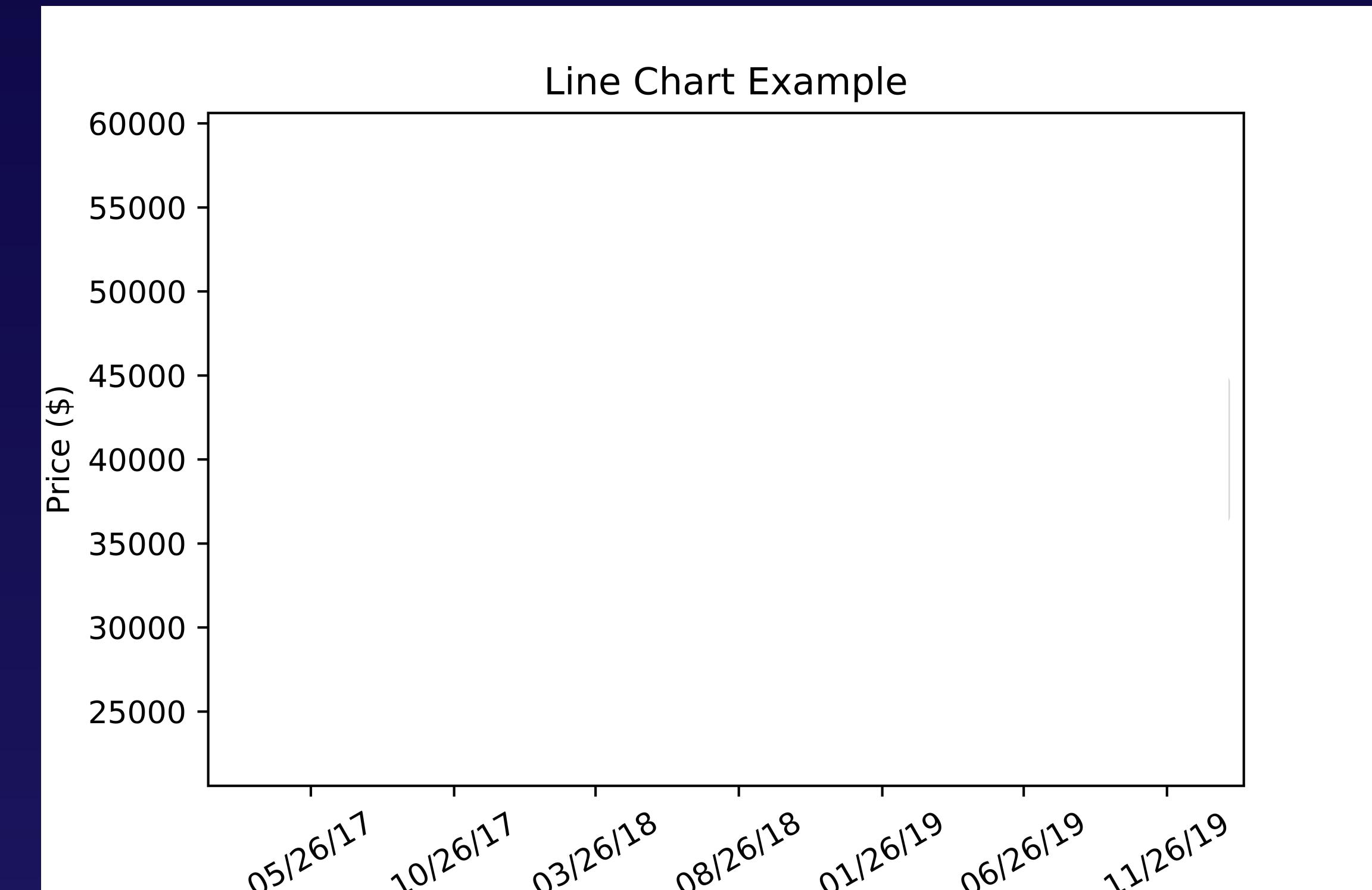
Line Charts

car	price	date
mustang	26395	02/2018
corvette	42500	03/2018
mustang	25900	01/2017
camaro	25125	10/2018
corvette	41700	04/2017
camaro	23680	01/2019
...



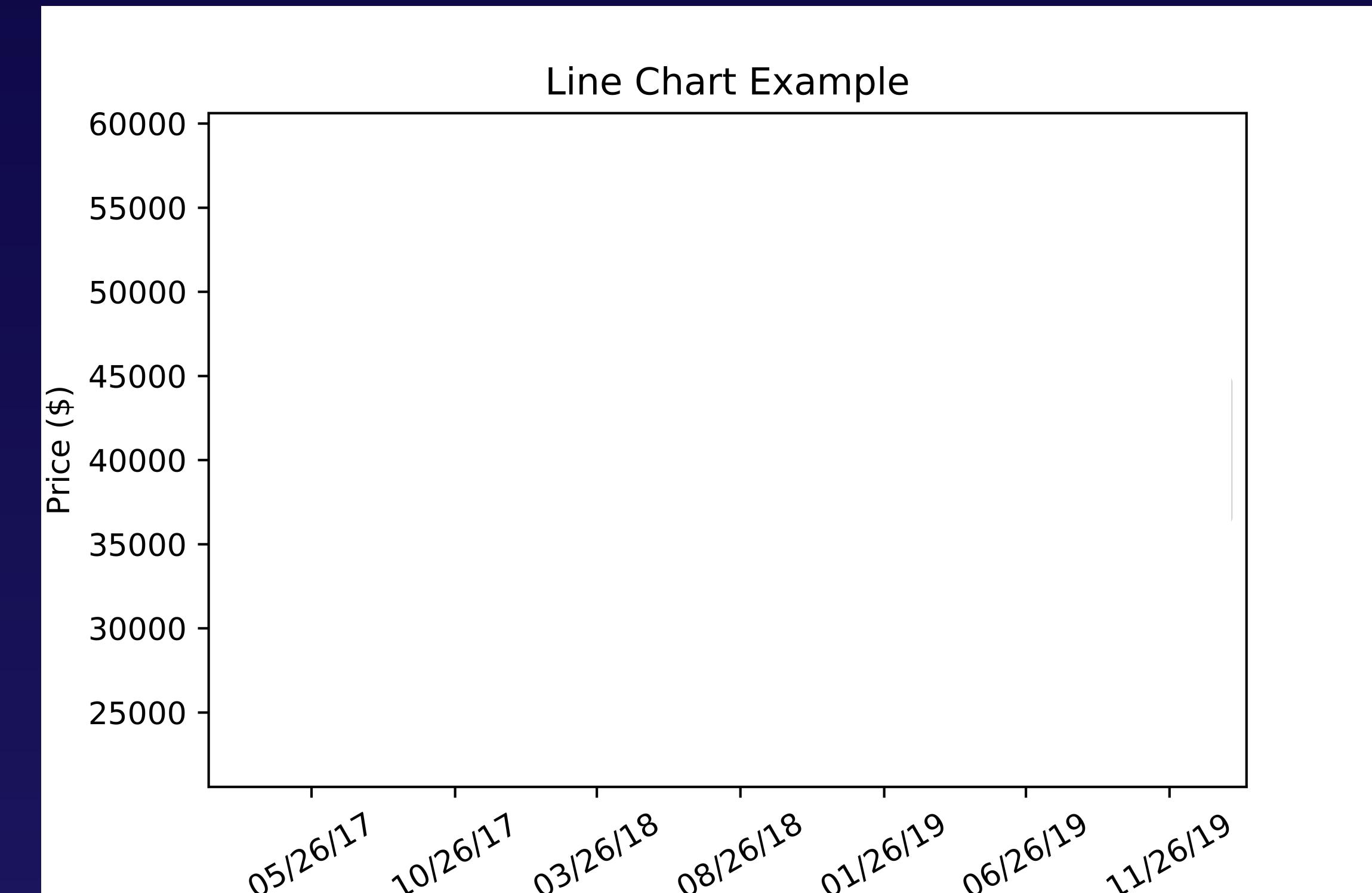
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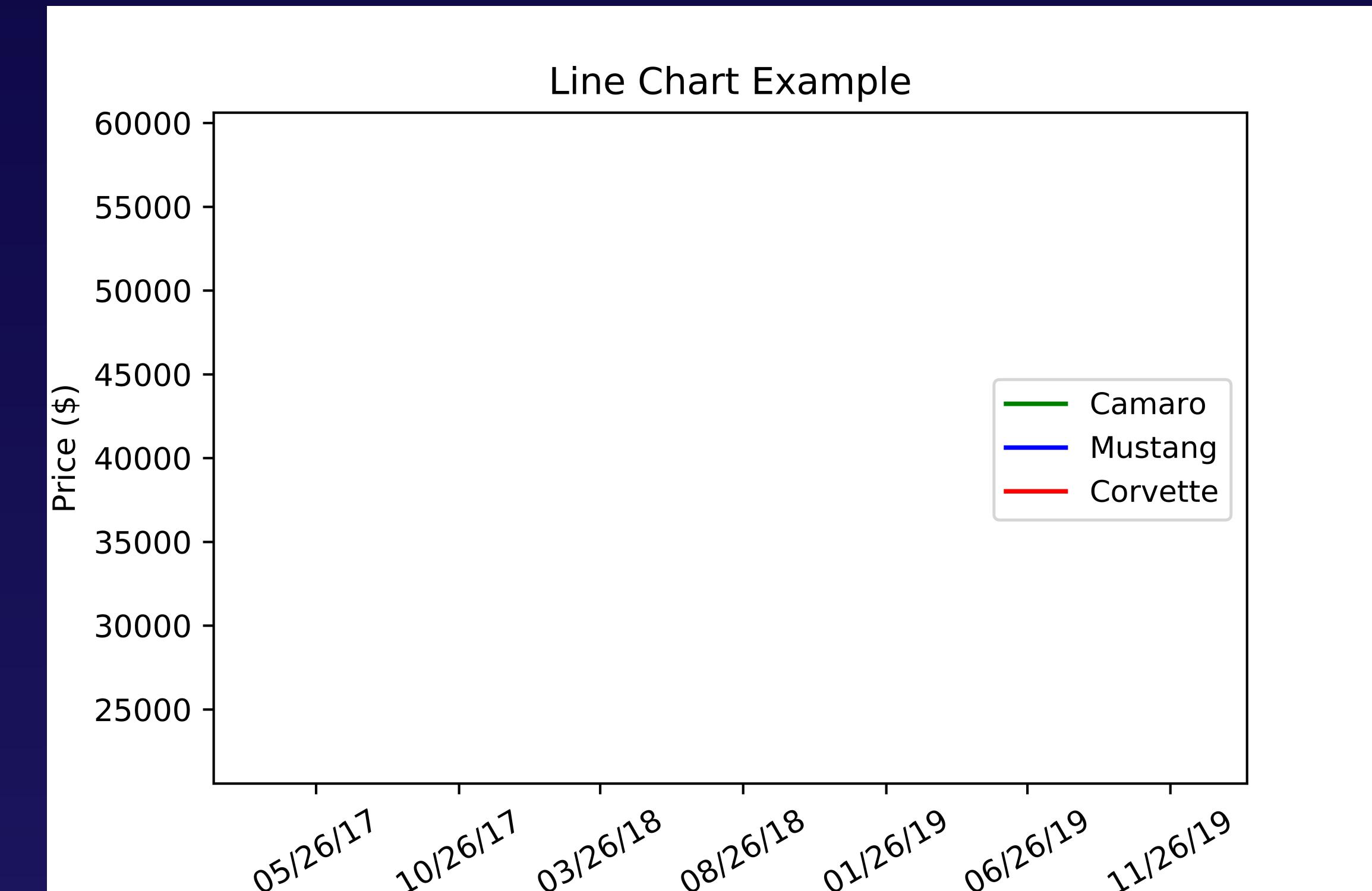
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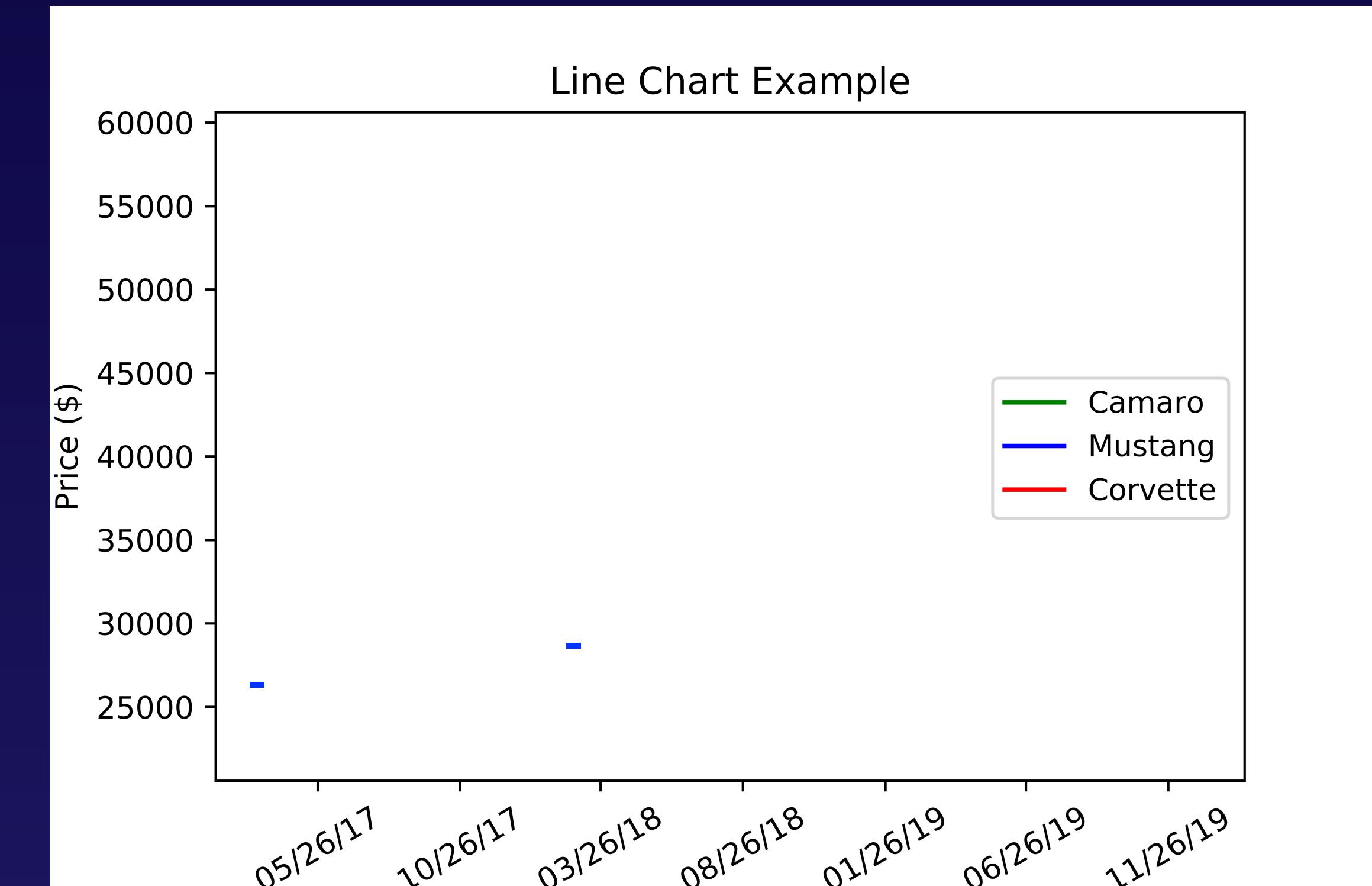
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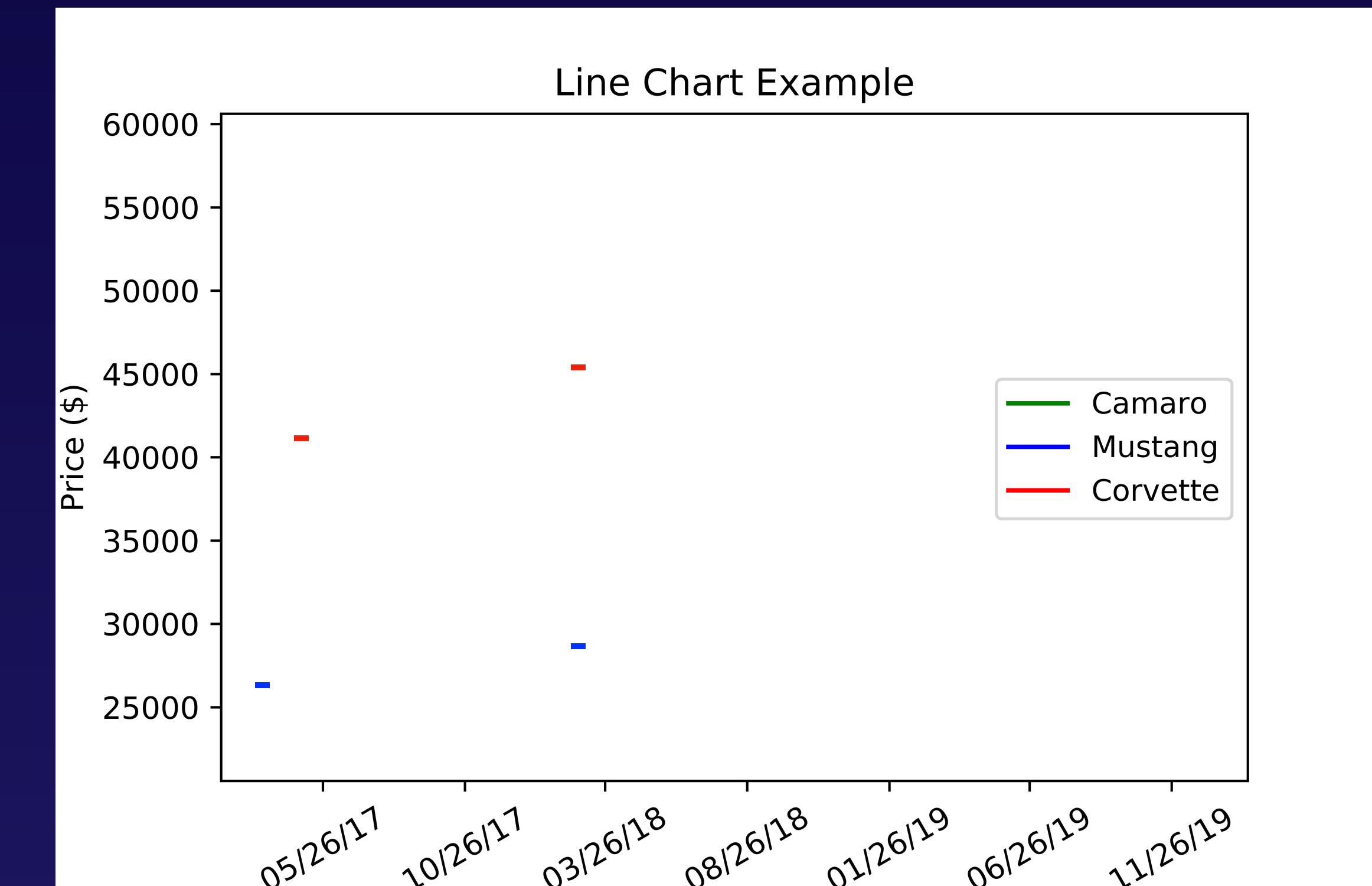
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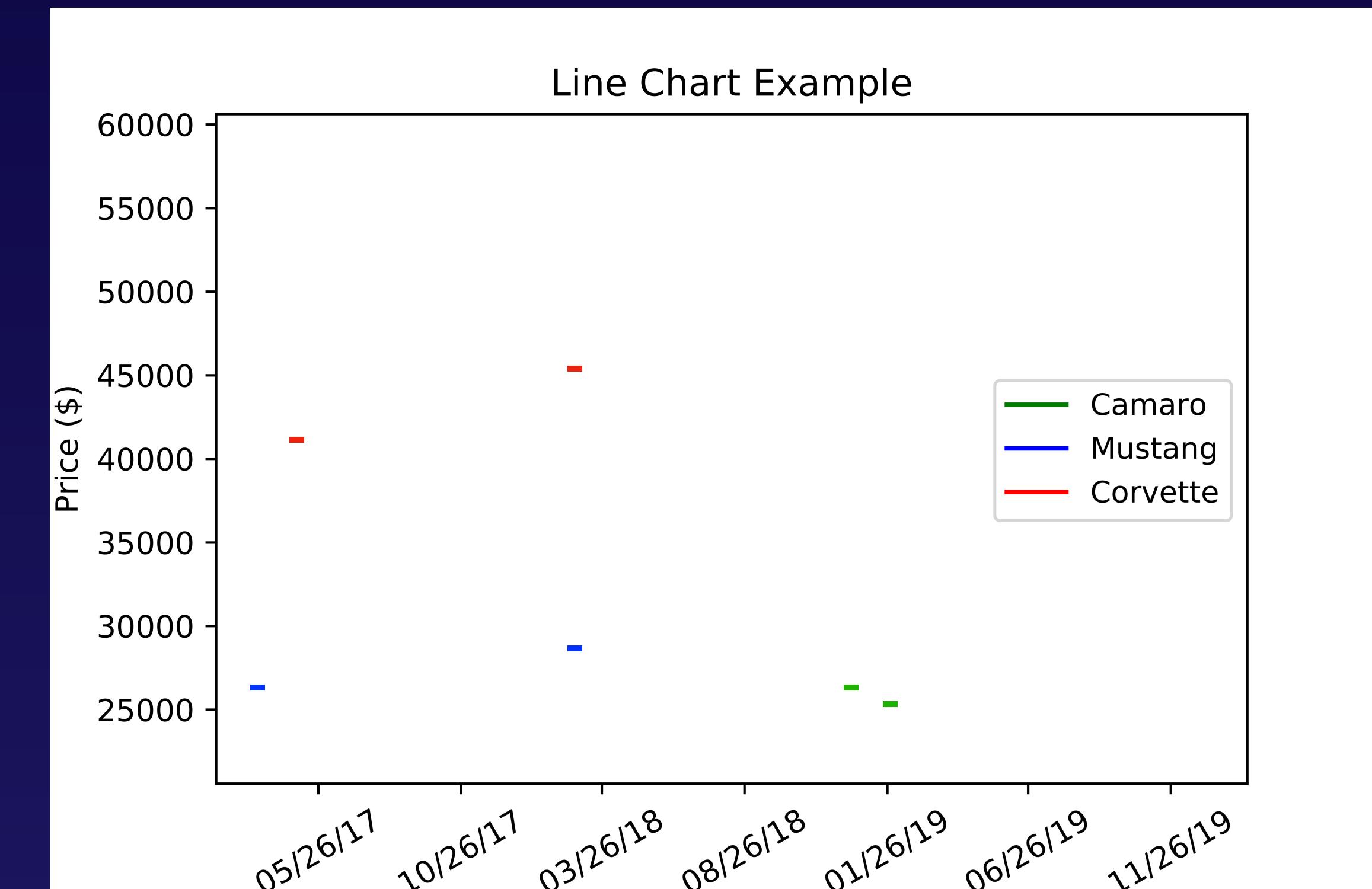
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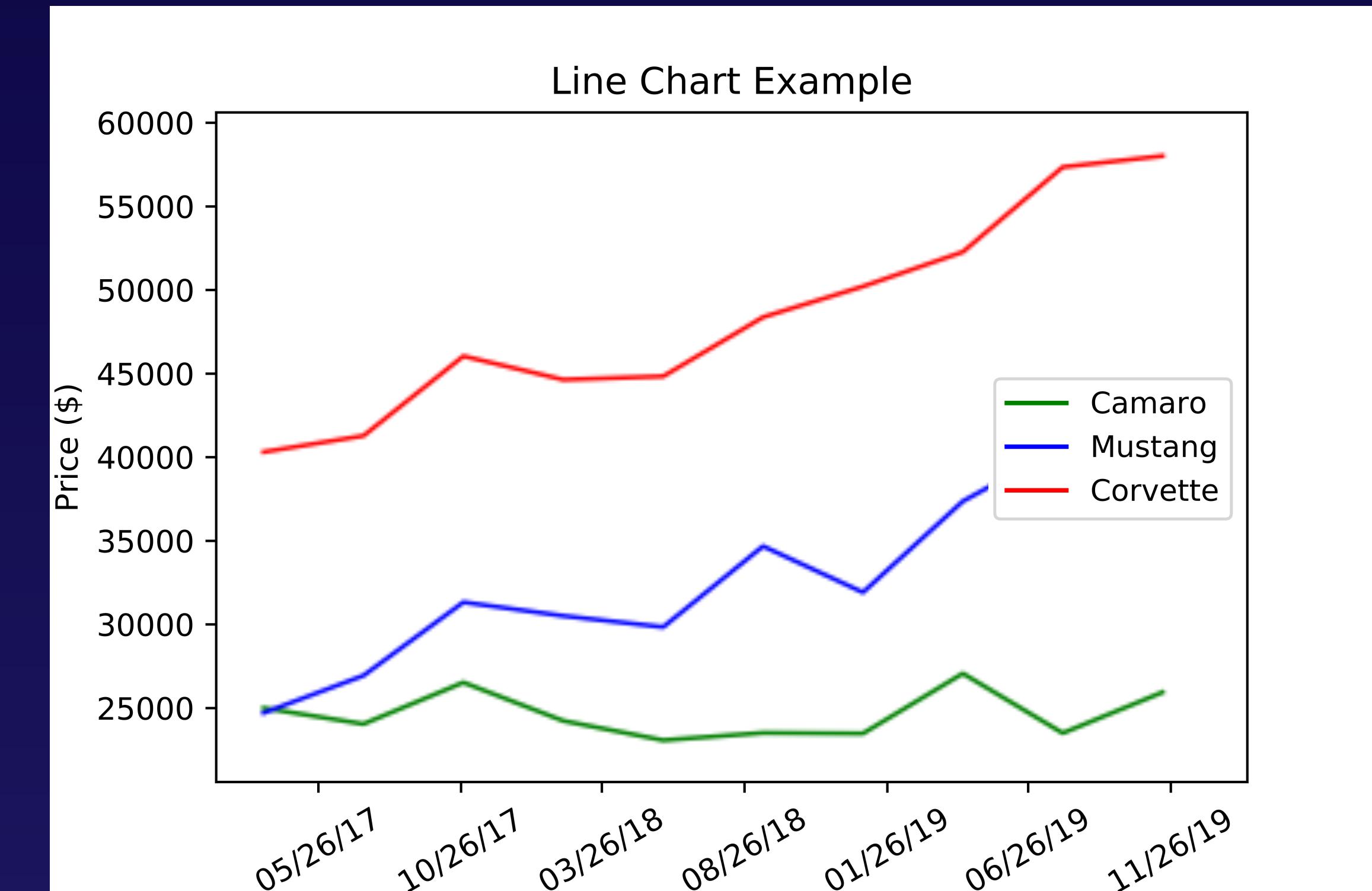
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Comparisons Visualizations - Use Cases

- **Bar Charts**

Example: Comparing the number of star ratings for a mobile application in the app store.

- **Line Charts**

Example: Plotting the price of Bitcoin over the past 3 years.