

jupyter

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File

Edit

View

Run

Kernel

Settings

Help

Trusted

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Code

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JupyterLab

Python 3 (ipykernel)

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[1]: `import pandas as pd`

[2]: `df = pd.read_excel('Electric_vehicles.xlsx')`

[3]: `filtered_df = df[(df['Minimal price (gross) [PLN]'] <= 350000) & (df['Range (WLTP) [km]'] >= 400)]`

[4]: `average_capacity_by_make = filtered_df.groupby('Make')['Battery capacity [kWh]'].mean()`

[5]: `print("Average Battery Capacity by Manufacturer:")`  
`print(average_capacity_by_make)`

Average Battery Capacity by Manufacturer:

Make	
Audi	95.000000
BMW	80.000000
Hyundai	64.000000
Kia	64.000000
Mercedes-Benz	80.000000
Tesla	68.000000
Volkswagen	70.666667

Name: Battery capacity [kWh], dtype: float64

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1/1