Untitled14

July 20, 2025

```python
[2]: import pandas as p
     data = p.read_excel("FEV-data-Excel.xlsx",engine="openpyxl")
     energy_column = 'mean - Energy consumption [kWh/100 km]'
     energy_data = data[energy_column]
     Q1 = energy_data.quantile(0.25)
     Q3 = energy_data.quantile(0.75)
     IQR = Q3 - Q1
     lwr_bound = Q1 - 1.5 * IQR
     upr_bound = Q3 + 1.5 * IQR
     outliers = data[(data[energy_column] < lwr_bound) | (data[energy_column] >
       ↪upr_bound)]
     print("Outliers in Energy Consumption:")
     print(outliers[['Car full name', energy_column]])
```

```
Outliers in Energy Consumption:
Empty DataFrame
Columns: [Car full name, mean - Energy consumption [kWh/100 km]]
Index: []
```

```python
[ ]:
```