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[4]: import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

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

[6]: battery_capacity_col = 'Battery capacity [kWh]'
range_col = 'Range (WLTP) [km]'

[7]: df_clean = df.dropna(subset=[battery_capacity_col, range_col])

[14]: sns.set_style("darkgrid")

plt.figure(figsize=(10, 6))

[14]: <Figure size 1000x600 with 0 Axes>
<Figure size 1000x600 with 0 Axes>

[21]: sns.regplot(x=battery_capacity_col, y=range_col, data=df_clean, scatter_kws={'alpha':0.6}, line_kws={'color':'red', 'linestyle':'--'})
plt.xlabel('Battery Capacity (kWh)')
plt.ylabel('Range (WLTP km)')
plt.title('Regression Plot: Battery Capacity vs. Range for Electric Vehicles')
plt.show()
```

Regression Plot: Battery Capacity vs. Range for Electric Vehicles

