Untitled13

July 20, 2025

[13]:
```python
import pandas as p
from scipy.stats import ttest_ind

data = p.read_excel(r"C:\Users\91939\Downloads\FEV-data-Excel.xlsx")
tesla = data[data['Make'] == 'Tesla']['Engine power [KM]']
audi = data[data['Make'] == 'Audi']['Engine power [KM]']
t_stat, p_value = ttest_ind(tesla, audi, equal_var=False)
print("T-statistic:", round(t_stat, 3))
print("P-value:", round(p_value, 4))
```

```
T-statistic: 1.794
P-value: 0.1068
```

[ ]: