**Analysis Planning Worksheet**

**Evaluation Question**

Does purchasing an electric vehicle save you money?

**Independent Variable(s)**

These variable(s) are causing something or creating an effect. List what each is and whether it is categorical or continuous. It is ok to only have one.

**Variable**

Vehicle price – continuous

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

**Variable**

Electric prices - continuous

□ Categorical : # of levels \_\_\_\_\_ □ Continuous

**Variable**

Gas prices - Continuous

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Variable

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Dependent Variable(s)

These variable(s) are influenced by your independent variable and *depend* on them. List what each is and whether it is categorical or continuous. Unless they are related, you should have only one.

**Variable**

MPG - continuous

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

**Variable**

Range KM - continuous

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

**Variable**

Cost of repairs - continuous

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Variable

□ Categorical: # of levels \_\_\_\_\_ □ Continuous

Now that you know the type and number of independent and dependent variables, you are ready to use the analysis flow charts to choose your analysis!

**Analysis:**