**Analysis Planning Worksheet**

**Evaluation Question # 1**

Does a movies budget influence how well a movie does at the box office? (gross sales, both Worldwide and Domestic)

**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**

Budget (millions), float64

□ Categorical: # of levels \_0\_\_\_\_ □ 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**

Gross sales, both Worldwide and Domestic, float64

□ Categorical: # of levels \_\_\_0\_\_ □ 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:**

Linear regression