**Analysis Planning Worksheet**

**Evaluation Question**

What are the pay differences for experience levels for the top 3 data jobs for each year?

**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**

Experience levels

□ Categorical: # of levels \_\_3\_\_\_ □ Continuous

**Variable**

year

□ Categorical : # of levels \_\_3\_\_\_ □ Continuous

**Variable**

Top 3 data jobs

□ Categorical: # of levels \_\_3\_\_\_ □ 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**

Pay difference

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

**Variable**

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

**Variable**

□ 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:**

Three-way ANOVA