**Tawanda Raigoza & Breonna Snipes**

**Analysis Planning Worksheet**

**Evaluation Question**

1. What country has the best air quality?
2. Which country has the worst air quality?
3. Is there a correlation between high air quality and low particulate matter?

**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**

Countries

x Categorical: # of levels \_\_1\_\_\_ Continuous

**Variable**

Air Quality

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

**Variable**

□ 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**

Air Quality

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

**Variable**

Particulate Matter

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

Descriptive Statistics