**PROJECT BLOCKCHAIN**

*Final Project by Matthew Thomas*

**Analysis Planning Worksheet**

**Evaluation Question # 1**

1. How did the historical prices / market capitalizations of various currencies change over time?

**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**

Time

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

Prices

X Continuous

**Variable**

Market capitalization

X 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:**

MANCOVA or MANOVA depending on if the decision is made to control for other factors

**Analysis Planning Worksheet**

**Evaluation Question # 2**

1. How does the price fluctuations of currencies correlate with each other?

**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**

Time

X 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**

Price

X 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:**

Simple Linear Regression