**Analysis Planning Worksheet**

**Evaluation Question**

What kind of crimes are people being arrested for multiple times?

**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**

“prison offense”, categorical, 5 levels

Property 8284

Violent/Non-Sex 5475

Drug 5190

Other 2779

Violent/Sex 830

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

**Variable**

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

If they are re arrested again within three years (does the type of crime affect the frequency?)

Recidivism\_Within\_3years

Recidivism\_Arrest\_Year1

Recidivism\_Arrest\_Year2

Recidivism\_Arrest\_Year3

Categorical, 4 levels

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

**Variable**

Prior charges

Prior\_Conviction\_Episodes\_Felony

Prior\_Conviction\_Episodes\_Misd

Prior\_Conviction\_Episodes\_Viol

Prior\_Conviction\_Episodes\_Prop

Prior\_Conviction\_Episodes\_Drug

Prior\_Conviction\_Episodes\_PPViolationCharges

Prior\_Conviction\_Episodes\_DomesticViolenceCharges

Prior\_Conviction\_Episodes\_GunCharges

Categorical, does having prior charges in a type of crime increase the chance of doing that crime again?

□ 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:**

MANOVAs and visualization in tableau