**Analysis Planning Worksheet**

**Evaluation Question**

What is the primary age group of people returning to jail?

**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**

Age: categorical

28-32 772

23-27 722

33-37 712

48 or older 692

38-42 564

43-47 453

18-22 231

□ 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**

Types of charges. If they are getting convicted multiple times

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

Each has at least three numerical categories (0,1,2, 3 or more, 4 or more), two are Booleans

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

**Variable**

Re arrests within a certain time period of 3 years

Recidivism\_Within\_3years

Recidivism\_Arrest\_Year1

Recidivism\_Arrest\_Year2

Recidivism\_Arrest\_Year3

All are true/false

□ 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:**

Will be using R, recoding the data we need when using tableau to visualize the comparison. Checking significance between age, types of convictions and how often they are convicted again of the same crime.