# Part 1:

Graphical user interface, application

Description automatically generated

# Part 2:

Graphical user interface, application, table, Excel

Description automatically generated

Graphical user interface, application, table, Excel

Description automatically generated

Graphical user interface, application, table, Excel

Description automatically generated

# Part 3:

Graphical user interface, application, table, Excel

Description automatically generated

## Which month had the most people arrested?

August and October had the same number of arrests which is listed as 187 arrests that month.

Graphical user interface, table

Description automatically generated

Table

Description automatically generated

## Which age group had the most individuals?  Categorize ages based upon the following:

From looking at the data that is represented below we can see that the most age group with arrests are between the age of 30 and 39. These arrests are totaled at 268 arrests for the entire year between that age range.

### under 18

Table

Description automatically generated

### 18 - <24

Table

Description automatically generated

### 25 - <30

Table

Description automatically generated

### 30 - <40

Table

Description automatically generated

### 40 - <50

Table

Description automatically generated

### 50 - <60

Table

Description automatically generated

### 

Table

Description automatically generated

# Part 4:

How does this relate to the readings and my field of study?

This is the finest example of data, pure and collected. What we learned from this project and the readings is that this data has value when it is processed (sorted, stored, represented). Part of the process was to use an automation tool to recognize and gather information off a website database and have it stored into an excel file. We took that information and sorted it using algorithms to display specific ages, alphabetical, and create a visualization of the data that was collected. A big part of this was automation and could program an AI to do all of this without human interaction if we wanted to. This relates to the *Inmates are Running the Asylum* because the applications we use are not user friendly. It took a huge amount of searching the internet, watching tutorials, and figuring stuff out ourselves to perform the actions we did in this project.

This relates to my field because as a programmer in information systems, we will have to write codes to do data gathering and sorting like what was done. If we are designing applications for the average user, we will have to make it user friendly. Part of the programming field could be considered “Data analytics” as long as we are having data stored or processed.