Opportunity and Significance

This project is an excellent opportunity to apply strategical problem solving to obtain an idea of current crime rates in Detroit, and make quantitative, realistic predictions.

Technical Objectives

- To analyze Detroit Crime Statistics in order to obtain useful, applicable knowledge about criminal activity in Detroit
- To solidify and apply logical approaches to solving problems posed, using the knowledge provided to us in BE1500

Abstract

Large data sets can be very difficult to understand and sort, which usually leads to misinterpretations in the data. Our project sorts Detroit crime rate data from 2016-2018, and provides visual representations that will allow the user to clearly understand the statistics. Our project also gives the user several options to choose from so they are able to focus on what they want to know most.

Results

- **Crimes For the Year: 2016**

Next Steps for Development and Test

Obtain more data from other cities in order to apply our newly developed analytical program, think of new problems when comparing and contrasting data from other cities, and expand our program in order to provide more adaptive and inclusive problem solving.

References

1. Mathworks.com