**INST737 - Digging into Data Group Project**

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*This README file indicates the purpose of each included file.*

**Crime\_2014.csv**: List of all incident for Montgomery County for the 6/2013 - 6/2014 period

**Crime-final.csv**: Crime rates for 23 crime categories in all zip codes

**Crime-original.csv**: Original crime file for 6/2013 - 6/2014

**Crime\_by\_Zipcode\_2014.csv**: All the incidents in the crime\_2014 are categorized in this file

**Date-crime.csv**: Crime rates for different months

**Facilities\_by\_Zipcode.csv**: Facility count for all the zip codes in Montgomery County

**Long\_and\_Foster.csv**: Original Long & Foster housing prices data

**Long\_and\_Foster\_Columns \_removed.csv**: Long & Foster data without NAs and extra variables

**MC\_Home\_Sales\_by\_Zip\_Code\_2014.csv**: The median house sale price by Montgomery County zipcode for 2014, according to the Maryland Department of Planning

**MC\_IRS.csv**: Zipcode, type of zip code, and IRS population

**MCPS\_Dropout\_Attendance\_by\_Zipcode.csv**: Dropout, attendance, and graduation rates by zip code

**Merge.csv**: Number of sales, crime, population, and sale prices by zip code

**Most\_Data.csv**: Combined data sets including different variables in zip code level

**most\_data\_2014.csv**: Revised version of Most\_Data.csv

**final\_script.R**: The combined R script for the project

**project\_code.Rmd**: The R-markdown file (.Rmd) which includes all combined code for each of the analyses and generated images. This includes code for:

* Checking/installing R libraries that are required in the code
* Data cleaning
* Analyses
* Visualizations (graphs, maps)

**project\_output.html**: The output of the Rmd file

**Project\_Writeup.docx**: The project writeup explaining all aspects of the project

**Presentation\_PPT.pptx**: the PowerPoint slides for our group presentation on the project