WEEK 1 :

Description Of The Data And How It Will Be Used To Solve The Problem

Data Acquisition

The data acquired for this project is a combination of data from three sources.

The first data source of the project uses a London crime data that shows the crime per Borough in London. The dataset contains the following columns:

Isoa_code	Code for lower super output area in greater London
Borough	Common name for London Borough
Major_category	High level categorization of crime.
Minor_category	Low level categorixation of crime within major category
value	Monthly reported count of categoricsl crime in given Borough
year	Year of reported counts,2008-2016
month	Month of reported counts,1-12

`

The second source of data is taken from Wikipedia page that contains the list of London Boroughs. This page contains additional information about the Boroughs , the following are the columns:

Borough	The names of 33 London Boroughs
Inner	Categorizing the Borough as an Inner London Borough or an Outer London Borough.
status	Categorizing the Borough as Royal, city or other Borough.
Local authority	The local authority assigned to the Borough
Political control	The political party that control the Borough
headquarters	Headquarters of the Boroughs
Area (sq mi)	Area of the Borough in square miles.
Population (2013 est)[1]	The population in the Borough recorded during the year 2013
Co-ordinates	The latitudes and longitudes of the Borough
map	Number assigned to each Borough to represent visually on a map

The third data source is the list of neighborhood in royal Borough of Kingston upon Thames as found on a Wikipedia page. this dataset is created from scratch using the list of neighborhood available on the site, the following are columns.

Neighborhood	Name of the neighborhood in Borough
Borough	Name of the Borough
Latitude	Latitude of Borough
Longitude	Longitude of Borough