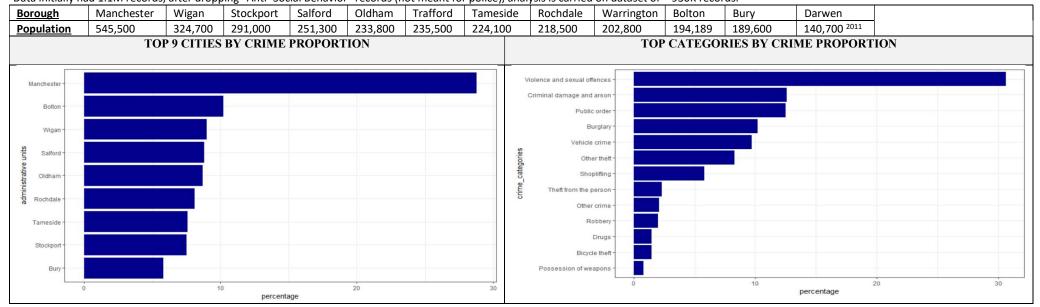
Introduction

Greater Manchester city is selected from open data source of UK police. Great Manchester is a county in the northwest of England with a population of 2.8 million. Data Source: https://data.police.uk/data/. To understand the visualization trends or comparisons better, let's have a quick look on Borough's population, mid-year 2017 population estimates (source: https://en.wikipedia.org/wiki/Greater_Manchester) Data initially had 1.1M records, after dropping "Anti- Social Behavior" records (not meant for police), analysis is carried on dataset of ~930K records.



In Greater Manchester County, Manchester borough top the crime rate (with highest population), though unlike Manchester, Bolton is much low in population but is the ranked second highest borough to report high and ferocious crimes. Certainly, listed administrative units needs more attention in highlighted offences especially "Violence and Sexual Offence". Surprisingly, drugs offences are not much, reason could be either those are controlled in wider sense or reported less – thus an area for serious considerations and deeper exploration.



Above map shows a deeper look in the zones of 3 major towns in Greater Manchester Area for a category violence & sexual offence are recorded highest. Rest neighborhoods can be displayed using interactive maps. (Due to limitation, have shown only most highlighted areas based on topmost category, more categories and neighborhoods to be explored for further analysis).

Recommendation: Need to keep an eye on such neighborhoods (of other listed boroughs as well) for better investigation and security improvement.

