**Umuzi Report: Crime and crime perception in Gauteng, 2016/2017**

**Section A. Introduction**

Statistics South Africa’s Victims of Crime Survey (VOCS) is a countrywide household-based survey that examines crime from the point of view of the victim. StatsSA conducts the survey annually in all nine provinces. This report focuses on experiences of crime in the last 12 months, perceptions around crime, police efficiency and access to services, and community responses to crime in the Gauteng region during 2016/2017. We focus on crimes that people are individually affected by when outside of the house, such as theft of personal property, rather than crimes such as consumer fraud, theft of livestock and crops or trafficking in persons.

**Section B. Aim**

The aim of the report is to assess:

* The most frequently occurring crimes
* When and where the five most frequently occurring crimes happen
* Whether fear of crime is preventing people from moving around freely and participating in the community
* What services people currently use when having experienced a crime

**Section C. Analysis**

1. Unzip the two files. Household contains information about perceptions of crime. Section 21-28 contains information about crimes experienced. We will use both.
2. Import the data to python with pandas.read\_csv()
3. Extract the data for Gauteng only (Code: 7 = Gauteng). Check that the metro codes are correct (should now only include Gauteng metros).
4. Create bargraphs or piecharts to visualise the information from the section listed below:

To see what the name of the column is that corresponds to these questions, refer to the Household and Section21-28 pdfs that came in the .zip folder.

General thinking about crime:

* Has the topic of crime come up in any conversation you had with your family, friends or colleagues in the past two weeks?
* Which crimes occur mostly in your area? (which ones did people answer yes to most?)
* Which crimes are you most afraid of in your area? (which ones did people answer yes to most?)
* How do you think the level of violent crime in your area has changed in the last three calendar years?
* How do you think the level of property crime in your area has changed in the last three calendar years?

Fear of crime

* Does the fear of crime prevent you from doing any of the following in your area?

1 = Using public transport

2 = Walking to the shops

3 = Walking to work/town

4 = Dressing in any way you want

5 = Expressing your sexual orientation

6 = Going in open spaces or parks in your area incl. forests/bushy areas

7 = Allowing your children to play in/move around in your area

8 = Allowing your children to walk to school

9 = Keeping livestock/poultry outside in the kraal

10 = Investing/starting a home business

11 = Walking to fetch wood/water

* If you had to walk, how safe would you feel walking alone in your area when it is dark?
* If you had to walk, how safe would you feel walking alone in your area during the day?

Individual and community response to crime

* Have you taken any of the following measures to protect yourself against crime and violence? …
* Do you feel safer because of taking these precautions?
* If you are in a situation at home where you suspect that you or your household members may become victim/s of crime, who will you contact first to come to your rescue?

Knowledge about available services

* Do you know where to take someone to access medical services if he or she was a victim of violent crime?
* Do you know where to take someone for counselling services if he or she was a victim of violent crime?
* Do you know of a shelter or place of safety in your area where you can take someone who was a victim of domestic violence?
* Do you know where the nearest police station is?

Community & police services

* Is there a forum in your area that discusses crime?
  + If yes, how frequently is it held?
* Have you been to this police station in the past 3 calendar years?
* Are you satisfied with the police services in your area?
  + If yes, why are you satisfied with the police services?
  + If no, why are you not satisfied with the police services?
* How often do you see a police officer in uniform/on duty in your area?
* Do you trust the SAPS?
* Do you trust the metro police/traffic police?

Section 10: Experience of household crime

In the past 5 years (all items)

In the past 12 months (all items)

1. Once you know what the top 5 most frequently occurring crimes are, interrogate when and where it happened and who the crime was reported to. For example:

Section 11 Car theft:

* Where was the vehicle when it was stolen?
* Time of the day when the incident happened (Q112Time)
* Time of the week when the incident occurred
* Did you or any member of your household report the incident to the police?
* Did you or any member of your household report the crime to anyone else (other than the police)?
* If yes, who did you first report the crime to?

Section 17: Theft out of motor vehicle (car)

* Where was the vehicle when something was stolen from it?
* What period of the day did this happen?
* When did this happen?
* Did you or any member of your household report the incident to the police?
* Did you or any member of your household report the crime to anyone else (other than the police)?
  + If yes, who did you first report the crime to?
* Have you or any member of your household changed your behaviour as a result of this incident?
  + If yes, in what way?

1. Save the information in Jupyter Notebook format and save to html and pdf for presentation.