Crime Rates in Toronto*

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Abstract

Neighbourhood crime rates in the city of Toronto is essential data to understand illegal activity in the city. We cleaned and analyzed crime statistics in 2020 based on different crimes using graphs.. Third sentence (our findings). Fourth sentence (why it matters).

1 Introduction

First paragraph is going to be motivational and broad.

Second paragraph about what was done and what was found

Third paragraph about implications

Remainder of this paper is: Section 1.0.1 explains the data. Section **??** covers results. . .

1.0.1 Data

Paragraph or two introducing data set broadly. Our data is of . . .

We obtained our data set using the 'opendatatoronto' package from the City of Toronto's Open Data Portal (Gelfand 2020) and the statistical programming language R (R Core Team 2020)

1.1 Data Download

From Open Data Toronto https://open.toronto.ca/dataset/neighbourhood-crime-rates/

Show an extract of the data (Table 1)

Paragraph or two more about Table (Table 1)

1.2 Cleaning the Data

Our data set is of crime rates (Figure **??**)

We are interested in the number of homicides from the years 2014 to 2020 since this showcases the current trends of dangerous crimes being committed and its implications for the safety of neighborhoods in Toronto.

Figure (Figure **??**) displays the pattern of homicides in Toronto between the years of 2014-2020

Talk way more about it.

*Code and data are available at: https://github.com/meha-g/Paper1.

Table 1: First ten rows of a dataset of crime rates for auto thefts, assault, and robbery.

Neighbourhood	Auto Theft	Assualt	Robbery
Yonge-St.Clair	9	23	5
York University Heights	184	341	47
Lansing-Westgate	44	97	11
Yorkdale-Glen Park	87	156	40
Stonegate-Queensway	45	104	20
Tam O'Shanter-Sullivan	37	131	18
The Beaches	23	84	6
Thistletown-Beaumond Heights	43	56	9
Thorncliffe Park	20	94	5
Danforth East York	16	56	9

1.3 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A Additional details

References

Gelfand, Sharla. 2020. *Opendatatoronto: Access the City of Toronto Open Data Portal.* https://CRAN.R-project.org/package=opendatatoronto.

R Core Team. 2020. *R: A Language and Environment for Statistical Computing.* Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.