

CSDA 1050 Sprint 1

July 29, 2019

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Research Question: What is the marginal difference in rent price between tenured renters and new renters in Toronto?

What has been completed: The data needed along with the sources of where the data can be found have been confirmed but the data has not yet been fully collected and extracted. The methodology has been identified at a general level, but it still needs to be specified and the scope needs to be narrowed.

Data: The below data will need to be collected.

- Rental data (prices, location, properties of dwelling, duration of stay, etc)
- Rent reduction/increasing laws and regulations
- Income data
- Inflation data

Data Sources: The below data sources will be used to try to locate and collect the data needed.

- Canada Housing and Mortgage Corporation
- City of Toronto rental law data
- Census data/Statistics Canada
- Simply Analytics

Methods: Generally, the below will be completed to try to solve the research problem and provide insight.

- Extract, transform, load data
- Data cleaning/preparation for analysis
- Look at and visualize rental data (actual prices, averages, location, properties of dwelling, duration of stay, etc along with changes seen in the above characteristics)
- Look at income, inflation, rent reduction/increase law data, and align with the above to compare and analyze to provide insight into the research question.

What is left: The data that has been identified as necessary to complete the analysis above has to be collected and extracted from the above data sources. The methodology has been identified at a general level, but it still needs to be specified and the scope needs to be narrowed. The data collection and methodology need to be finalized.