

THE BATTLE OF NEIGHBORHOODS

FINDING A BETTER PLACE IN

SCARBOROUGH, TORONTO

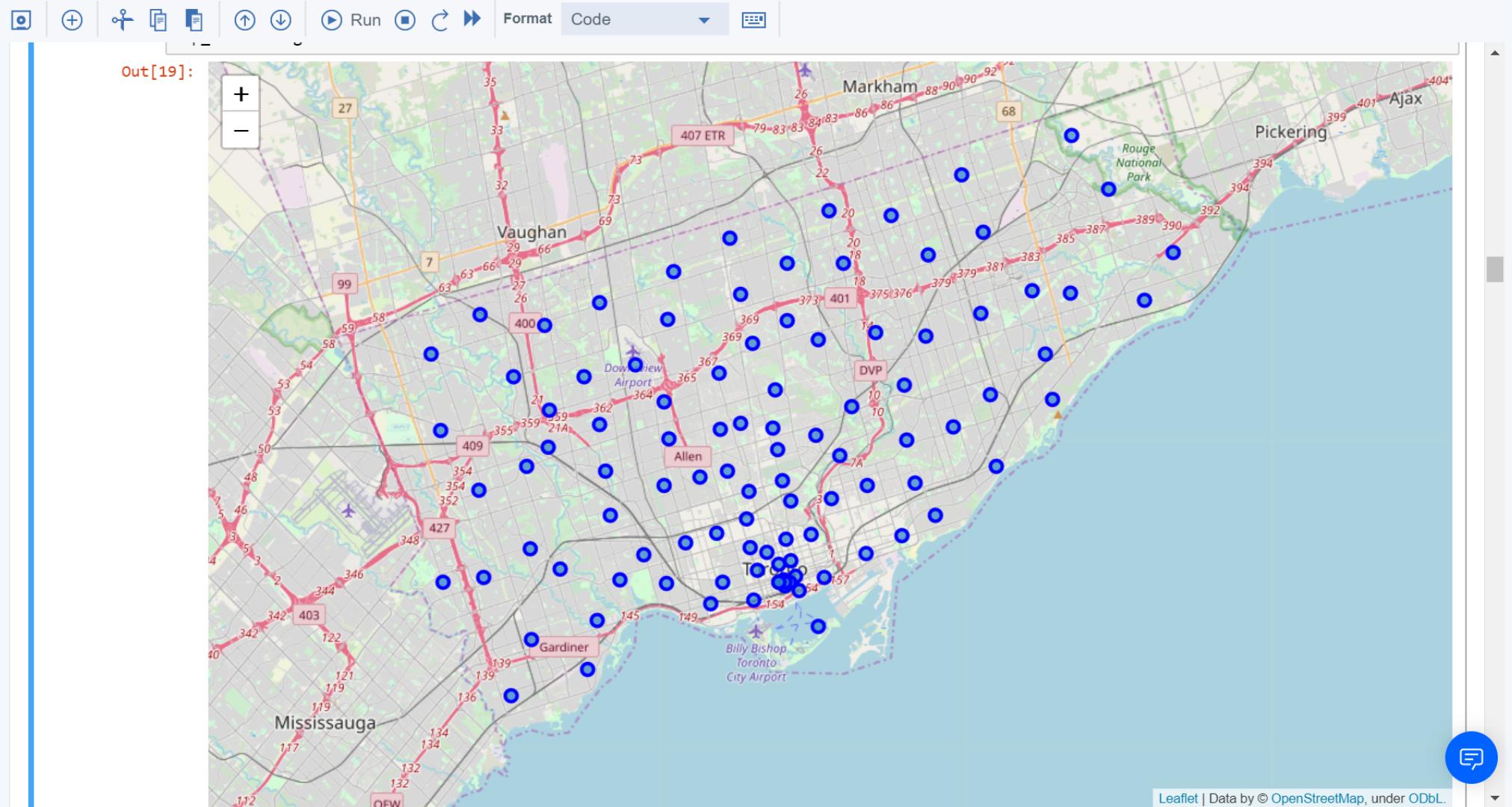
FEATURES

- The purpose of this Project is to help people in exploring better facilities around their neighborhood.
- The features include median housing price and better school according to ratings, crime rates of that particular area, road connectivity, weather conditions, good management for emergency, water resources both fresh and waste water and excrement conveyed in sewers and recreational facilities.

MAP OF SCARBOROUGH

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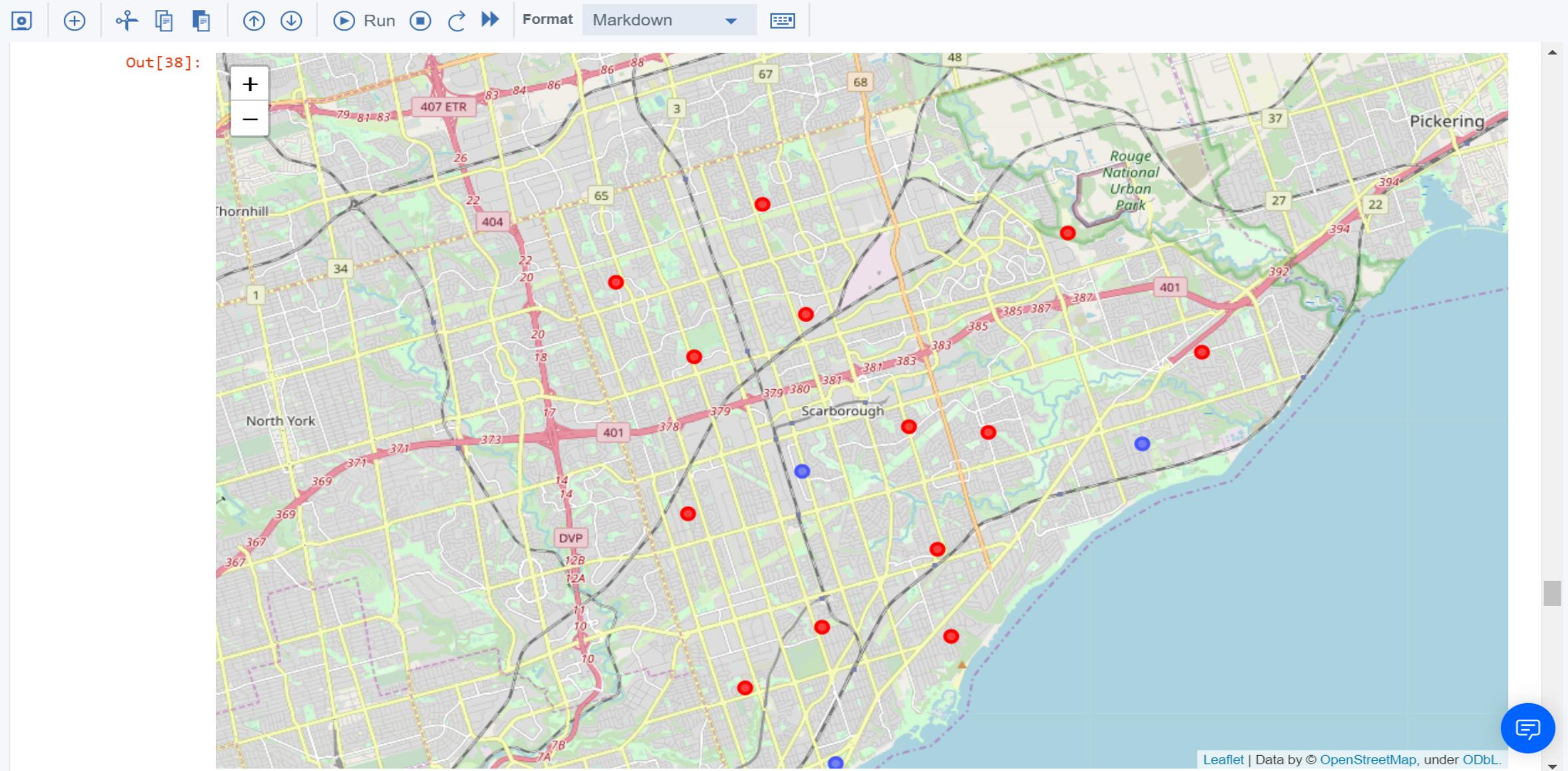
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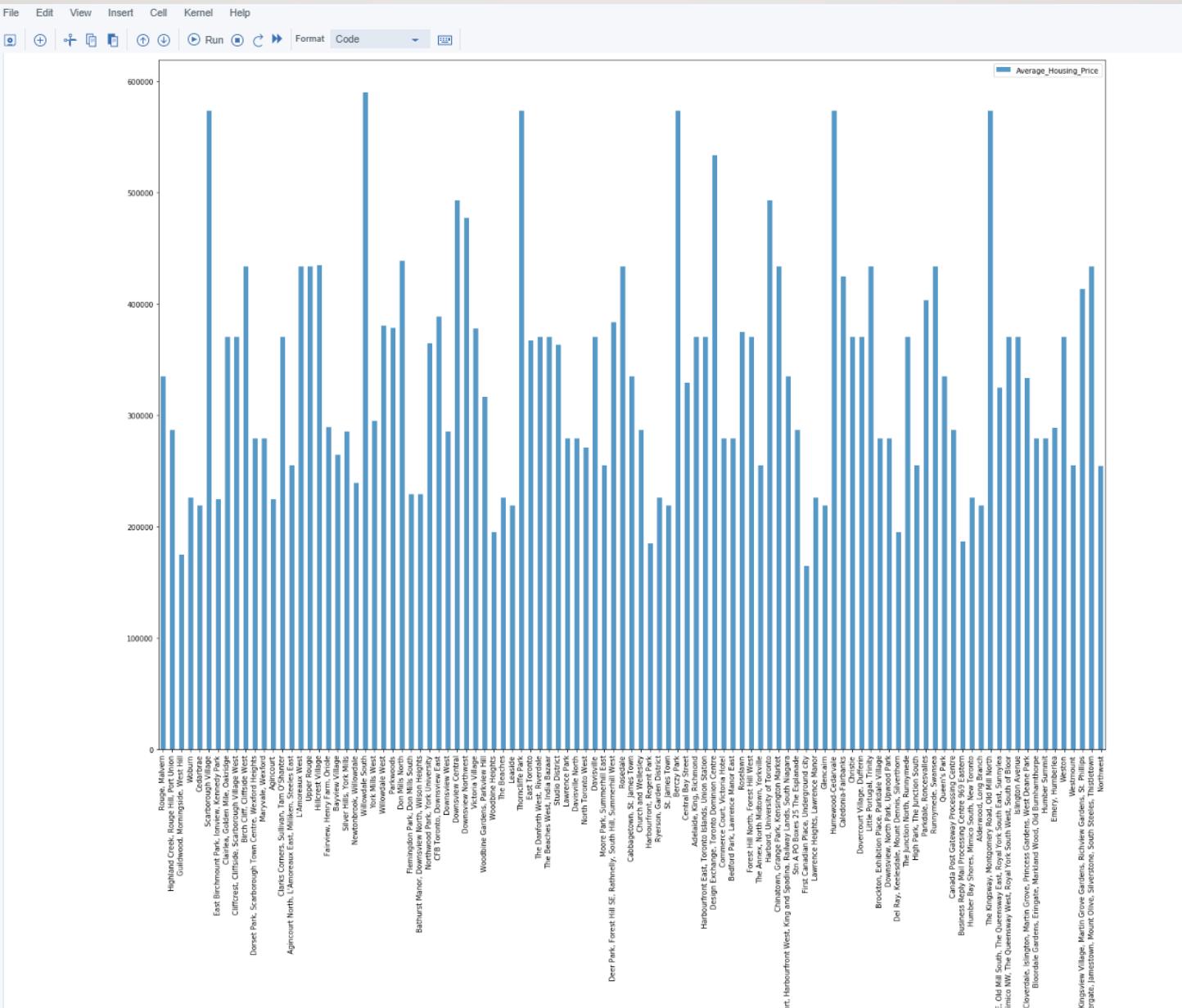
CLUSTERING APPROACH

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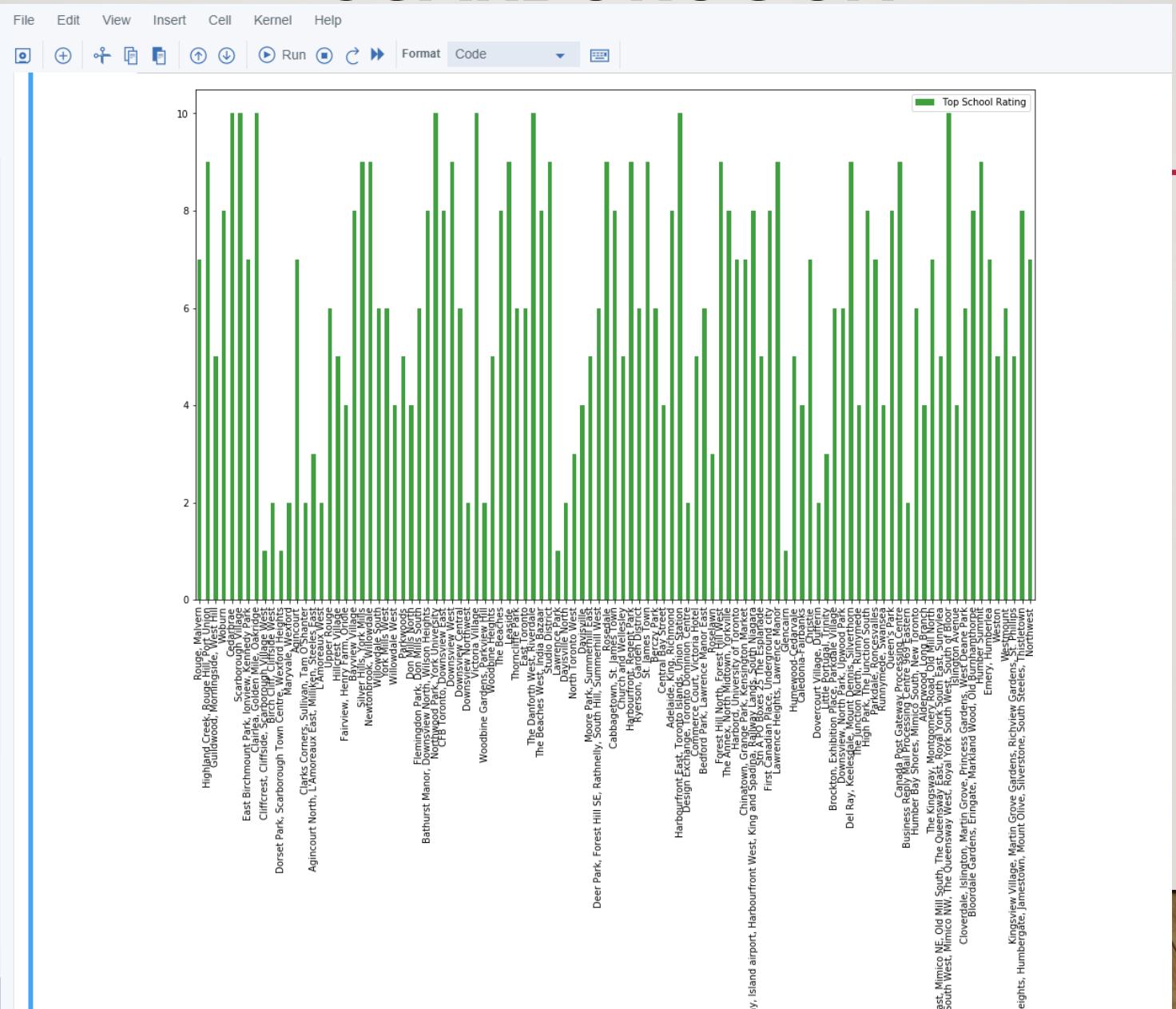
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AVERAGE HOUSING PRICE BY CLUSTERS IN SCARBOROUGH



SCHOOL RATINGS BY CLUSTERS IN SCARBOROUGH



CONCLUSION

- In this project, using k-means cluster algorithm I separated the neighborhood into 10(Ten) different clusters and for 103 different lattitude and logitude from dataset, which have very-similar neighborhoods around them.
- Using the charts above results presented to a particular neighborhood based on average house prices and school rating have been made.