**Objectives/Questions**

* What schools in Toronto are overburdened by the high density of housing developments and should charge higher levies on builders?
* What are the ethnicities living in the neighborhoods within the school admission boundaries and find out if immigration (especially emerging countries) has any effects on these neighborhoods?
* Study the net migrations of the neighbourhoods within the school admission boundaries?

**Data Sources**

City of Toronto Open Data Website

Statistics Canada

**Methods**

* Descriptive Statistics
* Point Pattern Analysis
* Spatial Autocorrelation
* Local Statistics

**Expected Results/End Products**

* Find all the schools in Toronto that are overwhelmed or are going to be overwhelmed by the significant flows of students living in the new housing built
* Find the ethnicities in the neighbourhoods within the school admission boundaries and perhaps make a conclusion about how immigration might have an effect
* Produce statistics to summarize/visualize the flows and migrations of the neighbourhoods within the school admission boundaries

**Time Frame**

Week of Nov 7th: Finish learning about Area pattern analysis in lecture. Find and gather the data

Week of Nov 14th: Finish learning about Local Statistics in lecture and finish spatial analysis using methods listed above

Week of Nov 21st: Make significant findings and publish PowerPoint presentation

**Backup Plan**

Analysis of the spatial clusters of economic activity in Toronto and credit risk of Torontonians

**References**

https://www.thestar.com/yourtoronto/education/2017/10/29/parents-want-developers-to-kick-in-and-help-expand-overcrowded-toronto-schools.html