Capstone Project Ideas

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1. Analysis of Customer Reviews for a Toronto Restaurant

The purpose of this project would be to propose targeted improvements to specific aspects of a restaurant in Toronto. These recommendations would be presented following a statistical analysis of online customer reviews using web data from websites such as www.yelp.ca and www.zomato.com.

2. Analysis of Bicycle Use in Toronto

For this project, I would analyze the use of bicycles in downtown Toronto in order to determine where improvements to cycling lanes would be most beneficial. In order to do this, I would use an open dataset from the Toronto municipality website that tracks the number of bicycles counted at specific intersections.

3. Mental Health among Canadian Aboriginal Populations

For this project, I would analyze data pertaining to the mental health of individuals within aboriginal communities in Canada, as provided by Statistics Canada. The purpose of this project would be to identify aboriginal communities in Canada that are more at risk of developing mental health issues or engaging in suicidal behaviour. I would then make recommendations about where to target mental health resources to have the maximum impact.