

DATA SCIENCE CAPSTONE PROJECT

BATTLE OF NEIGHBOURHOODS

PROBLEM

A start up based on providing renewable energy services has recently made autonomous vehicles for delivery of food in a smaller region of Toronto. The vehicles are solar powered. The company wants to begin its services from the area where there are lots of restaurants so that it can pick up food from those restaurants and deliver in nearby areas.

PROBLEM DISCUSSION

The vehicles available are less and moreover they can't travel for longer distances. The startup has taken loan for building these vehicles now it's time to repay that loan as per agreement. For that they have to employ vehicles in such a way that it maximizes their profit. So they decided to employ these vehicles in areas where there are more restaurants. By doing so they will be able to collect food from larger restaurants spending less time and resources. So, as a pilot project as well as to maximize the profit they decided to employ these vehicles in restaurants rich area. So, they need help of a data scientist to help them in this cause.