**Location Recommender System for Future Taxi Service**

**Introduction (Cover)**

**Part 1: Problem Description**[**¶**](https://render.githubusercontent.com/view/ipynb?commit=85721506d8ba2a7a7e74c4df87deb221ac2b3d86&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f616c696461737467686569622f4170706c6965642d44532d43617073746f6e652d2d2d49424d2f383537323135303664386261326137613765373463346466383764656232323161633262336438362f63617073746f6e655f7265706f72742e6970796e62&nwo=alidastgheib%2FApplied-DS-Capstone---IBM&path=capstone_report.ipynb&repository_id=147745354&repository_type=Repository#Part-1:-Problem-Description)

**A future taxi provider based on autonomous car fleet operating in Downtown of Toronto is looking for a best place for parking and charging his fleet . Customers are ordering the taxi service mainly from Restaurants, Cafes, Breweries and Groceries. The fleet operator wants to choose parking location to optimize time of the pick-up, especially for the best rated spots. This will optimize the perceived level of quality and should be competitive advantage for the company.**

**The operator should build the parking the closest to its customers to minimize the costs of opeartion. Finding the right location is the ultimate goal of proposed algorithm.**