Location Recommender System for Future Taxi Service

Introduction (Cover)
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.