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CMP 464 **CMP 464/788 Fall 2020 Final Project**

**Exploring NYC Open Data**

**Phase I**

The data set I explore from NYC Open Data is about **Taxi and Ride hailing Usage in New York City.** This data is from an analysis of NYC taxi trips <https://toddwschneider.com/posts/analyzing-1-1-billion-nyc-taxi-and-uber-trips-with-a-vengeance/>

This data is about monthly reports trips of different licenses class such as Green cabs, Yellow cabs, FHV – Black (Uber, Lyft), FHV-Livery (Community Car Service) FHV – Lux Limo and FHV - High Volume. In this data I expect to extract the total trip per each license class, the Average trip per month and the percentage of trip pay by credit card for Green and Yellow cabs.

I will first verify if the data has a lot missing values end then handle them. I will look also for object type and convert if need it. Drop unrelated features.

The goal of the project is to come out with the idea that if the Taxi Limousine Commission (TLC) can allow car companies such as Green, Yellow, FHV – Black, to consider their drivers as the regular employees