

- **Topic of the dataset:** NYC Yellow Taxi Trip Data
- **Summary of the information contained in the dataset**

The dataset consists of New York City (NYC) Yellow Taxi trip records for January 2015 and January-March 2016. It specifically focuses on Yellow Medallion Taxicabs, the iconic NYC yellow taxis that operate through street hails, with a limited number of medallions issued by the NYC Taxi & Limousine Commission (TLC). The dataset includes pick-up and drop-off dates/times, locations, trip distances, fares, rate types, payment methods, and passenger counts. Notably, the TLC regularly updates its data, and this dataset was created using a previous version that provided pickup and drop-off coordinates instead of region indices. The data allows for the exploration of clustering and time-series analysis. Additionally, it emphasizes the distinction between Yellow Taxis and other for-hire vehicles like Green Taxis and For-Hire Vehicles (FHVs), each with specific operational characteristics defined by the TLC.

- **List of business capabilities, or objects, identified (ideally each person holds a capability)**
 - Ask for prices according to the area (latitude).
 - Ask for percentages of the price's composition.
 - Ask for prices according to the distance.
 - Map with traffic density.
 - 2016 Stats (mean, max, min, count)
- **Date of creation or last update:** 2 years ago
- **File type:** CSV
- **Size of the dataset:** 2GB
- **Link to the files (URL):** https://www.kaggle.com/datasets/elemento/nyc-yellow-taxi-trip-data?select=yellow_tripdata_2016-02.csv

Elementos: Catherine Prokhorov, Jorge Aleluia, Martina Fodorová, Til Dietrich, Pol Porra