* **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)**
  + **Analyze payment methods for specific taxi trips or aggregates such as region or time *(Regular + Premium functionality)***
  + **Search for alternative routes based on distance, traffic, trip duration, and estimated trip cost *(Regular + Premium functionality)***
  + **Consult average taxi fares during different days of the week or times in a day *(Regular + Premium functionality)***
  + **Scheduling recurring trips for special events *(Premium functionality)***
  + **Calculate the fastest and shortest taxi route *(Premium functionality)***
* **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>

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