

## Profiling Code

**Profiling Code For Yellow Taxi Data** (Amit Nair - apn263@nyu.edu)

<b>Name of the Variable</b>	<b>Datatype</b>	<b>Description</b>
tpep_pickup_datetime	Datetime	The date and time at which the passenger was picked up in the format mm/dd/yyyy hh:mm:ss
tpep_dropoff_datetime	Datetime	The date and time at drop off And format is mm/dd/yyyy hh:mm:ss
Pickup_longitude	float	The longitude value of pickup location.
Pickup_latitude	Float	The latitude value of the pickup location
Store_and_fwd_flag	char	It's sed for identifying the valid values or the garbage values present in the columns.
Dropoff_longitude	Float	The longitude value of drop off location.
Dropoff_latitude	Float	The latitude value of drop off location
Total_amount	float	The sum of fare_amount, extra, mta_tax, tip_amount, tolls_amount, improvement surcharge.

**Profiling code for the Weather Data (Vajrender Kumar - vkm240@nyu.edu)**

<b>Name of the Variable</b>	<b>Datatype</b>	<b>Description</b>
Area_code	chararray	This column contains the values of the codes corresponding to the particular place(in nyc) in which the station was present.
Date	integer	This column consists of the date of the day in the format as YYYYMMDD. It gives the date at which the temperature was recorded
Description	chararray	This column gives us the type of description, such as PRCP for precipitation, SNW corresponds to snow, SNWD corresponds to snow depth and TAVG is the average temperature recorded on that day.
Values	integer	This column contains the values of the corresponding previous description such as the TAVG value, temperature at snow, depth of snow and the values are multiplied by 10, to get the original values we need to divide them by 10.
Latitude	Float	This column contains the value of the latitude for the location depending on the code of the station.
Longitude	Float	This column contains the value of the longitude for the location depending on the code of the station.

**Profiling code for the Uber Data** (Manish Reddy- mc5410@nyu.edu)

<b>Name of the Variable</b>	<b>Datatype</b>	<b>Description</b>
Date	Datetime	This consists of the value of date at which the trip was taken place.Its format is MM/DD/YYYY
Time	Datetime	This field consists of the values of the time at which the trip was chosen, its format is HH:MM:SS
Latitude	float	This field consists of the value of latitude generated by google API java code based on the location.
Longitude	float	This field consists of the value of longitude generated by google API java code based on the location.