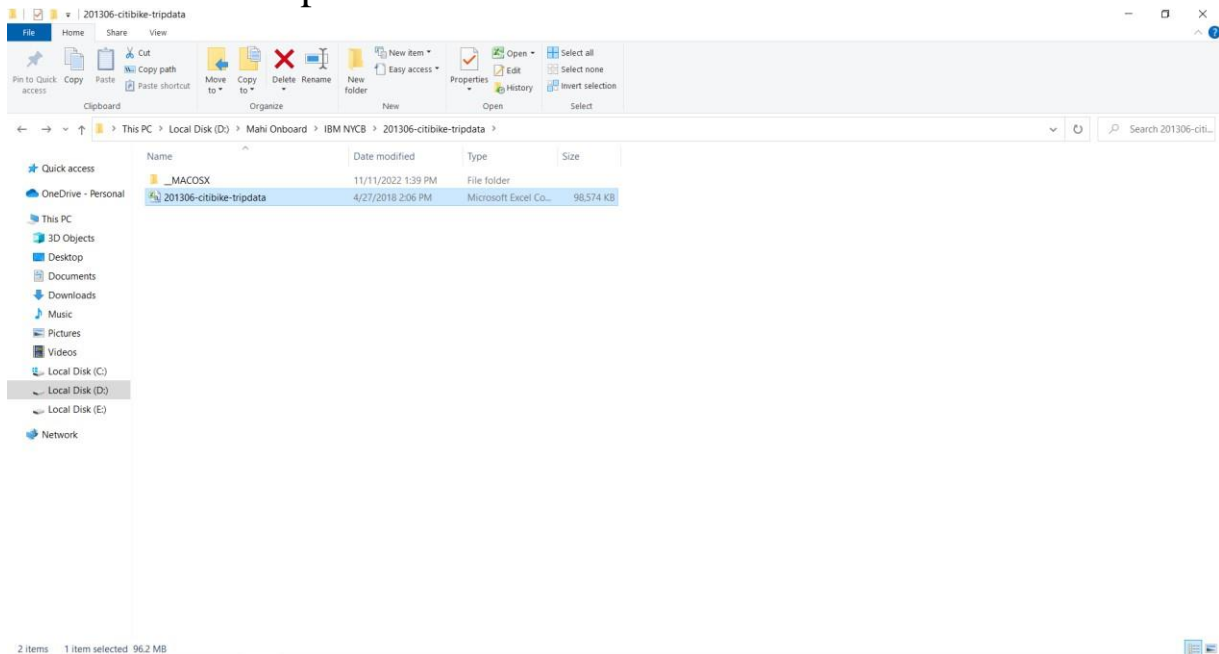


WORKING WITH THE DATASET

Downloading and Understanding the Dataset

Team ID	PNT2022TMID32480
Team Lead	AKASH M
Team Members	AKASH T ANUSUYA S AKALYA L
Project Name	A New Hint to Transportation-Analysis of the NYC Bike Share System

Download the zip file from the dataset link and extract



Understanding the dataset

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
	tripduration	starttime	stoptime	start station	start static	start static	start static	end station	end static	end static	end static	bikeid	usertype	birth year	gender								
1	695	01-06-2013 09:00:00	01-06-2013 09:05:00	444 Broadway	40.74235	-73.9892	434 9 Ave & W	40.74317	-74.0037	19678	Subscriber	1983	1										
2	693	01-06-2013 09:00:00	01-06-2013 09:05:00	444 Broadway	40.74235	-73.9892	434 9 Ave & W	40.74317	-74.0037	16649	Subscriber	1984	1										
3	2059	01-06-2013 09:00:00	01-06-2013 09:05:00	406 Hicks St &	40.69513	-73.996	406 Hicks St &	40.69513	-73.996	19599	Customer	NULL	0										
4	123	01-06-2013 09:00:00	01-06-2013 09:05:00	475 E 15 St & I	40.73524	-73.9876	262 Washington	40.69178	-73.9737	16352	Subscriber	1960	1										
5	1521	01-06-2013 09:00:00	01-06-2013 09:05:00	2008 Little West	40.70569	-74.0168	310 State St &	40.68927	-73.9891	15567	Subscriber	1983	1										
6	2028	01-06-2013 09:00:00	01-06-2013 09:05:00	485 W 37 St &	40.75038	-73.9834	406 Hicks St &	40.69513	-73.996	18445	Customer	NULL	0										
7	2057	01-06-2013 09:00:00	01-06-2013 09:05:00	285 Broadway	40.73455	-73.9907	532 5 St & S	40.71045	-73.9609	15693	Subscriber	1991	1										
8	369	01-06-2013 09:00:00	01-06-2013 09:05:00	509 9 Ave & W	40.7455	-74.002	521 8 Ave & W	40.75097	-73.9944	16100	Subscriber	1981	1										
9	1829	01-06-2013 09:00:00	01-06-2013 09:05:00	265 Stanton St	40.72229	-73.9915	436 Hancock S	40.68217	-73.954	15234	Subscriber	1984	1										
10	829	01-06-2013 09:00:00	01-06-2013 09:05:00	404 9 Ave & W	40.74058	-74.0055	303 Mercer St	40.72363	-73.9995	16400	Subscriber	1987	1										
11	1316	01-06-2013 09:00:00	01-06-2013 09:05:00	423 W 54 St &	40.76585	-73.9869	314 Cadman Pl	40.69383	-73.9905	19781	Subscriber	1960	1										
12	1456	01-06-2013 09:00:00	01-06-2013 09:05:00	502 Henry St &	40.71422	-73.9813	347 Greenwich	40.72885	-74.0086	16886	Customer	NULL	0										
13	386	01-06-2013 09:00:00	01-06-2013 09:05:00	241 DeKalb Av	40.68981	-73.9749	365 Fulton St &	40.68223	-73.9615	19039	Subscriber	1981	1										
14	924	01-06-2013 09:00:00	01-06-2013 09:05:00	486 Broadway	40.7462	-73.9886	521 8 Ave & W	40.75097	-73.9944	16608	Customer	NULL	0										
15	1233	01-06-2013 09:00:00	01-06-2013 09:05:00	527 E 33 St & 2	40.74402	-73.9761	296 Division St	40.71413	-73.997	14761	Subscriber	1987	1										
16	512	01-06-2013 09:00:00	01-06-2013 09:05:00	309 Murray St	40.71498	-74.013	300 Shevchenko	40.72815	-73.9902	19080	Subscriber	1979	2										
17	219	01-06-2013 09:00:00	01-06-2013 09:05:00	309 Murray St	40.71498	-74.013	347 Greenwich	40.72885	-74.0086	16798	Subscriber	1984	1										
18	833	01-06-2013 09:00:00	01-06-2013 09:05:00	503 E 20 St & F	40.73827	-73.9875	503 E 20 St & F	40.73827	-73.9875	19072	Customer	NULL	0										
19	1818	01-06-2013 09:00:00	01-06-2013 09:05:00	257 Lispenard	40.71939	-74.0025	500 Broadway	40.76229	-73.9834	20349	Customer	NULL	0										
20	682	01-06-2013 09:00:00	01-06-2013 09:05:00	486 Broadway	40.7462	-73.9886	521 8 Ave & W	40.75097	-73.9944	20176	Customer	NULL	0										
21	899	01-06-2013 09:00:00	01-06-2013 09:05:00	494 W 26 St &	40.74735	-73.9972	494 W 26 St &	40.74735	-73.9972	15539	Subscriber	1967	1										
22	626	01-06-2013 09:00:00	01-06-2013 09:05:00	380 W 4 St & 7	40.73401	-74.0029	382 University	40.73493	-73.992	17122	Subscriber	1982	1										
23	219	01-06-2013 09:00:00	01-06-2013 09:05:00	305 E 58 St & 3	40.76096	-73.9672	358 Christophe	40.73292	-74.0071	16301	Subscriber	1977	1										
24	339	01-06-2013 09:00:00	01-06-2013 09:05:00	480 W 53 St &	40.7667	-73.9906	432 E 7 St & A	40.72622	-73.9838	15628	Subscriber	1969	1										
25	97	01-06-2013 09:00:00	01-06-2013 09:05:00	453 W 22 St &	40.74475	-73.9992	453 W 22 St &	40.74475	-73.9992	18614	Subscriber	1985	1										
26	511	01-06-2013 09:00:00	01-06-2013 09:05:00	223 W 13 St &	40.73782	-73.9999	345 W 13 St &	40.73649	-73.997	19853	Subscriber	1979	1										
27	198	01-06-2013 09:00:00	01-06-2013 09:05:00	476 E 31 St & 3	40.74394	-73.9797	461 E 20 St & 2	40.73588	-73.9821	17615	Subscriber	1982	1										
28	482	01-06-2013 09:00:00	01-06-2013 09:05:00	151 Cleveland	40.7221	-73.9972	401 Allen St &	40.7202	-73.99	18970	Customer	NULL	0										
29	395	01-06-2013 09:00:00	01-06-2013 09:05:00	312 Allen St &	40.72206	-73.9891	410 Suffolk St	40.72066	-73.9852	19477	Subscriber	1970	1										
30	424	01-06-2013 09:00:00	01-06-2013 09:05:00	494 W 26 St &	40.74735	-73.9972	519 Pershing St	40.75187	-73.9777	18489	Subscriber	1957	1										
31	1077	01-06-2013 09:00:00	01-06-2013 09:05:00	482 W 15 St &	40.73936	-73.9963	480 W 53 St &	40.7667	-73.9906	16963	Subscriber	1982	1										

1. Trip Duration: How long a trip lasted in seconds
2. Start Date and Time: EX->01-06-2013

00:00:01 3. Stop Date and Time: EX->01-06-2013

00:11:36

4. Start Station ID: Unique identifier for each station

5. Start Station Name

6. Start Station Latitude: Coordinates

7. Start Station Longitude: Coordinates

8. End Station ID: Unique identifier for each station

9. End Station Name

10. End Station Latitude

11. End Station Longitude

12. Bike ID: Unique identifier for each bike

13. User Type (Customer = 24-hour pass or 3-day pass user; Subscriber = Annual Member): Customers are usually tourists, subscribers are usually NYC residents

14. Year of Birth: Self-entered, not validated by an ID

15. Gender (Zero=unknown; 1=male; 2=female): Usually unknown for customers since they often sign up at a kiosk