



BACKGROUND

The Department of Business Affairs (BACP) captured the Chicago Taxi data for ensuring quality & safety of the taxi rides & has been doing so since 2013.

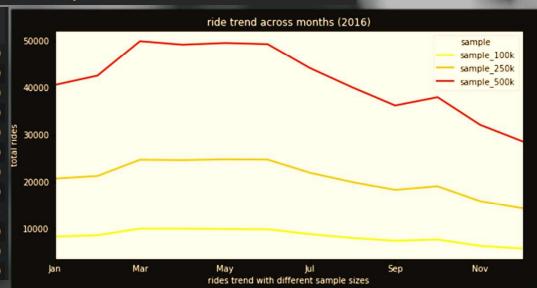
The data has around 127 million taxi rides records. It has data regarding the taxi that provided the trip, the taxi company, the duration, distance & cost of the trips, the pickup & drop-off latitudes & longitudes.

The publishers have already discarded anomalies in the data & masked sensitive information (like taxi medallion numbers, exact trip start & end times, exact pickup & drop-off locations) to ensure privacy.

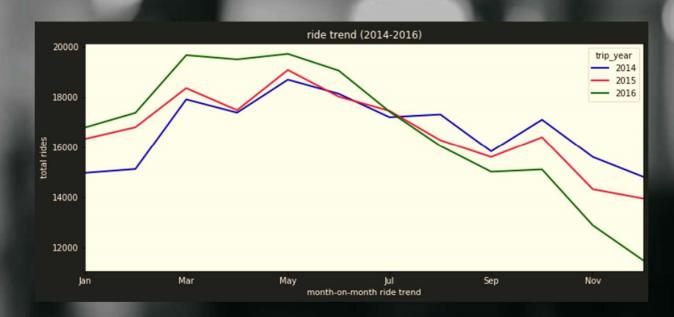


SUBSETTING DATA

sample	sample_100k	sample_250k	sample_500k	total
trip_month				
Jan	8243.0	20679.0	40572.0	69494.0
Feb	8538.0	21232.0	42540.0	72310.0
Mar	9952.0	24681.0	49927.0	84560.0
Apr	9955.0	24601.0	49178.0	83734.0
May	9853.0	24772.0	49545.0	84170.0
Jun	9809.0	24720.0	49298.0	83827.0
Jul	8772.0	21914.0	44135.0	74821.0
Aug	7953.0	19925.0	40020.0	67898.0
Sep	7348.0	18279.0	36184.0	61811.0
Oct	7628.0	19036.0	37951.0	64615.0
Nov	6257.0	15860.0	32089.0	54206.0
Dec	5692.0	14301.0	28561.0	48554.0



TAXI RIDE COUNT GOES DOWN TOWARDS THE YEAR END

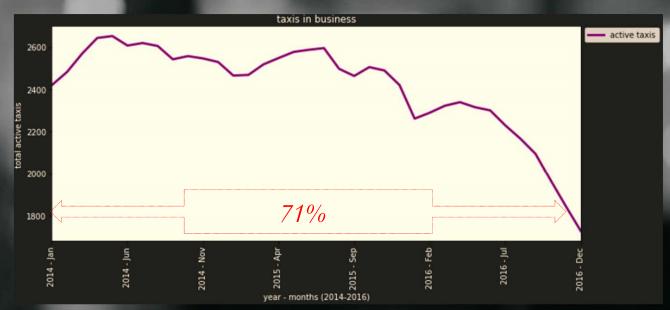




UBER & LYFT AFFECTING THE TAXI BUSINESS HEAVILY

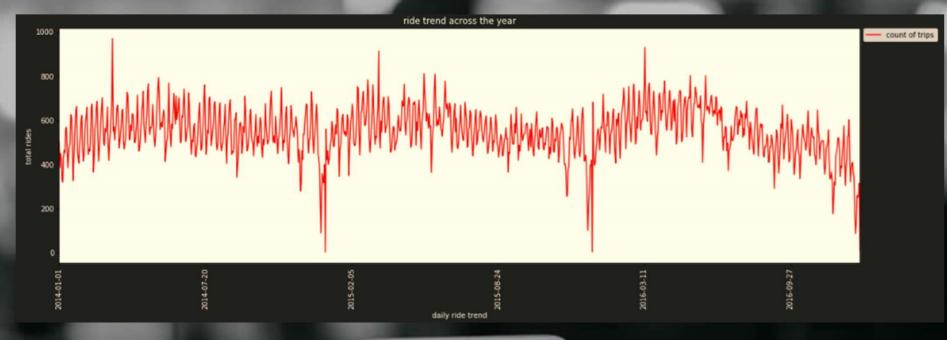
The value of Chicago medallions hit a median sales peak of \$357,000 in late 2013, just before Uber arrived on the scene in Chicago. In April, one medallion sold for just \$35,000, according to city data.

Jun 5, 2017 – USA TODAY.





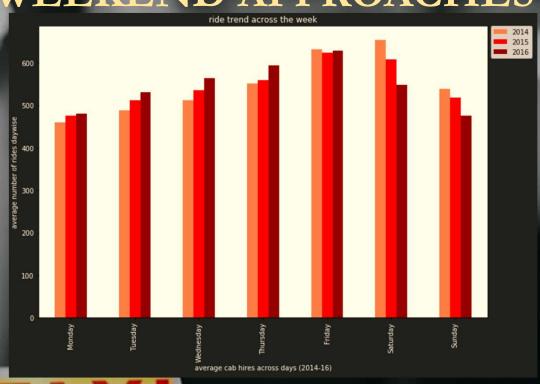
DAILY RIDE TREND ACROSS 3 YEARS



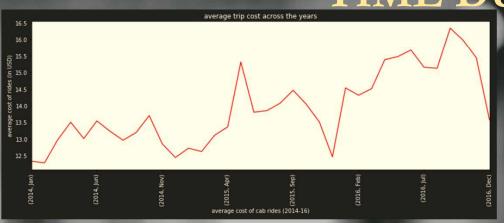


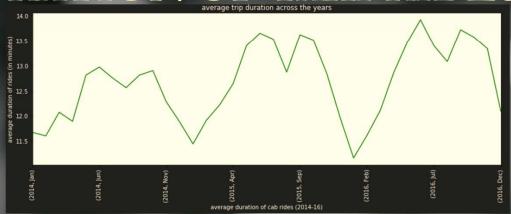
TAXI RIDES GOES UP AS THE WEEKEND APPROACHES

		trip_date	count	day	year	
	73	2014-03-15	968	Saturday	2014	
	801	2016-03-12	929	Saturday	2016	
	437	2015-03-14	912	Saturday	2015	
	499	2015-05-15	810	Friday	2015	
	514	2015-05-30	807	Saturday	2015	
	863	2016-05-13	802	Friday	2016	
١	884	2016-06-03	800	Friday	2016	
	136	2014-05-17	792	Saturday	2014	
	422	2015-02-27	782	Friday	2015	
	828	2016-04-08	777	Friday	2016	



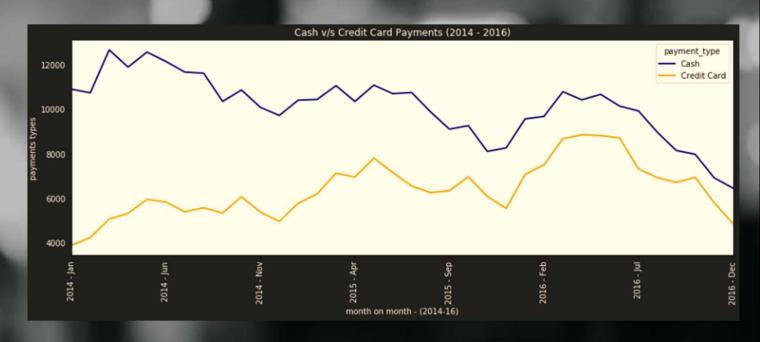
COMPARING AVERAGE COST & TIME DURATION OF TAXI RIDES





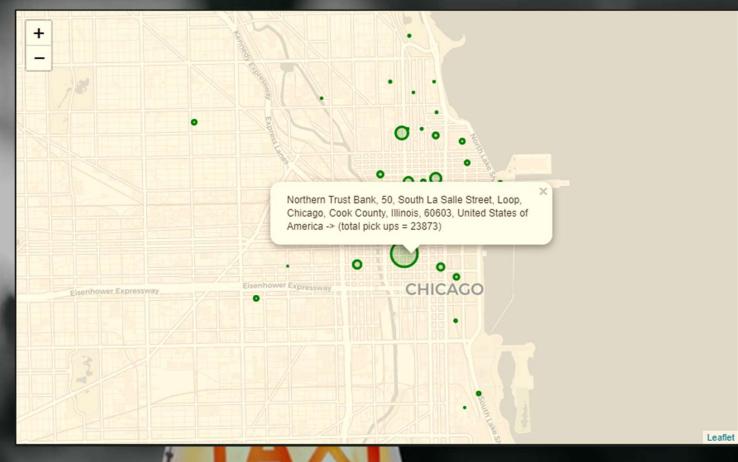


CREDIT CARD PAYMENTS ARE ON THE RISE











Chicago cabbies say industry is teetering toward collapse – USA Today (June 5, 2017)

Number of Chicago taxi drivers hits 10-year low as ride-share companies take off - Chicago Tribune (Dec 16, 2017)

