

# Infotou Data Application

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# Business Problem

- ▶ Many tourists over the globe have been affected by insecurity when visiting places on other cities, this due to the fact the tourist does not have information about the most common places where crimes are performed. According to this the tourism and the people affected annually loses a lot of money and time.
- ▶ Infotou is a data application that delivers the tourist all information regarding to venues and the security around them, this would help tourists to make good decisions and to have a better vacation around the global cities.



# Data Source

- Foursquare location data, in order to have all venues from the city of San Francisco



- Data base of crimes in the city of San Francisco.

IncidentNum	Category	Descript	DayOfWeek	Date	Time	PdDistrict	Resolution	Address	X	Y	Location	PdId
120058272	WEAPON LA	POSS OF PRC	Friday	01/29/2016 1	11:00	SOUTHERN	ARREST, BOC	800 Block of	-122.403405	37.7754207	(37.7754207, -122.403405)	1.2006E+13
120058272	WEAPON LA	FIREARM, LO	Friday	01/29/2016 1	11:00	SOUTHERN	ARREST, BOC	800 Block of	-122.403405	37.7754207	(37.7754207, -122.403405)	1.2006E+13
141059263	WARRANTS	WARRANT A	Monday	04/25/2016 1	14:59	BAYVIEW	ARREST, BOC	KEITH ST / SH	-122.388856	37.729981	(37.72998096, -122.388856)	1.4106E+13
160013662	NON-CRIMIN	LOST PROPE	Tuesday	#####	23:50	TENDERLOIN	NONE	JONES ST / O	-122.412971	37.7857884	(37.78578837, -122.412971)	1.6001E+13
160002740	NON-CRIMIN	LOST PROPE	Friday	#####	00:30	MISSION	NONE	16TH ST / MI	-122.419672	37.7650501	(37.76505012, -122.419672)	1.6E+13
160002869	ASSAULT	BATTERY	Friday	#####	21:35	NORTHERN	NONE	1700 Block of	-122.426077	37.7880186	(37.78801855, -122.426077)	1.6E+13
160003130	OTHER OFFE	PAROLE VIO	Saturday	#####	00:04	SOUTHERN	ARREST, BOC	MARY ST / H	-122.405721	37.7808789	(37.78087893, -122.405721)	1.6E+13
160003259	NON-CRIMIN	FIRE REPORT	Saturday	#####	01:02	TENDERLOIN	NONE	200 Block of	-122.411778	37.7839806	(37.78398055, -122.411778)	1.6E+13
160003970	WARRANTS	WARRANT A	Saturday	#####	12:21	SOUTHERN	ARREST, BOC	4TH ST / BER	-122.393357	37.7757876	(37.77578762, -122.393357)	1.6E+13
160003641	MISSING PER	FOUND PERS	Friday	#####	10:06	BAYVIEW	NONE	100 Block of	-122.387182	37.720967	(37.72096696, -122.387182)	1.6E+13



# Results

