

# DATA CLEANING

The dataset required very little cleaning to be done. The corrections made on the existing dataset are as follows:

## 1. Missing Value – Crime description missing

After cleaning:

Date	Area	Crime Description	Status	Location
8/31/2014	141014315		IC	17800 SATICOY ST
9/24/2015	150414869		IC	100 W AVENUE 26 ST
9/9/2015	151221135		IC	900 E 28TH ST
8/13/2015	152014676		IC	4300 BEVERLY BL
3/5/2015	150406794		IC	ESPERANZA BTH

## 2. Mismatch in the status value. UNK is the description for status type CC. TH is unknown.

Hence status UNK and TH has been replaced with CC because of the same description.

Date	Area	Crime Description	Status	Location
3/20/2013	132007717	997 TRAFFIC DR #	MISD	OXFORD
3/10/2013	130608787	997 TRAFFIC DR #	MISD	101ST ST
12/18/2013	131820260	997 TRAFFIC DR #	MISD	101ST ST
5/26/2013	130510483	440 THEFT PLAIN - PETTY (UNDER \$400)	TH	1300 W SEPULVEDA BL
5/24/2013	131213618	997 TRAFFIC DR #	MISD	1300 W VENTURA BL
2/10/2014	141206459	997 TRAFFIC DR #	MISD	1300 W VISTA ST
3/16/2014	141308108	510 VEHICLE - STOLEN	UNK	13 ALAMEDA ST
11/17/2012	120123632	888 TRESPASSING	MISD	1300 W VENTURA BL
8/22/2012	120916469	997 TRAFFIC DR #	MISD	1300 W VENTURA BL
7/16/2012	120619583	922 CHILD STEALING	KID	1300 W VISTA ST
5/5/2012	121110501	997 TRAFFIC DR #	MISD	100 E 85TH ST
4/30/2012	121710427	997 TRAFFIC DR #	MISD	7700 CRENSHAW AV
4/30/2012	120808918	997 TRAFFIC DR #	MISD	800 E 84TH PL
3/18/2012	121209401	997 TRAFFIC DR #	MISD	9200 FIRTH BL
6/30/2014	141215426	354 THEFT OF IDENTITY	MISD	100 E 85TH ST
4/26/2013	131411831	440 THEFT PLAIN - PETTY (UNDER \$400)	TH	7700 CRENSHAW AV
15/9/2013	131718469	310 BURGLARY	BURG	11400 GAYNOR
7/19/2013	131418620	210 ROBBERY	ROBB	OCEAN FRONT
2/12/2014	140608335	310 BURGLARY	BURG	8600 FRANKLIN
6/9/2014	141218155	664 BURGLARY FROM VEHICLE	TH	7700 CRENSHAW AV
1/18/2014	140105268	310 BURGLARY	BURG	800 E 6TH ST
7/12/2014	141314455	440 THEFT PLAIN - PETTY (\$950 & UNDER)	TH	100 E 45TH ST
4/27/2014	141310179	997 TRAFFIC DR #	MISD	900 W 23RD ST
3/13/2014	140308003	330 BURGLARY FROM VEHICLE	BTV	6500 S VICTORIA AV
11/26/2014	141225513	341 THEFT-GRAND (\$950.01 & OVER)EXCEPT GUNS,FOWL,LIVESTOCK	CC	1000 W 58TH PL
10/31/2014	14123962	920 KIDNAPPING - GRAND ATTEMPT	KID	MANCHESTER AV
10/26/2015	151224700	210 ROBBERY	ROBB	800 E 84TH PL
10/10/2015	151222262	932 PEEPING TOM	MISD	9200 FIRTH BL
10/1/2015	151818298	626 SPOUSAL(CO)HABIT ABUSE - SIMPLE ASSAULT	NON	5100 HOLMES AV
8/17/2015	151316498	740 VANDALISM - FELONY (\$400 & OVER, ALL CHURCH VANDALISMS)	VAND	

LA Crimes, 2012 - 2015 - Excel										PRIYANKA PURUSHU																				
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	Date Recd	DR NO	DATE OCC	TIME OCC	AREA	AREA NAME	ZIPCODE	ID	Crm Cd	CrmCd Desc	CRIME GRP	Status	Status Desc	LOCATION																
1	3/02/2013	13307717	3/02/2013	2015	20	Olympic	90002	2004	MISD	CRIME	CC	Unknown	OMFORD																	
2	3/10/2013	13060787	3/10/2013	745	6	Hollywood	90028	635	997	TRAFFIC DR #	MISD	CC	Unknown	ODIN	ST	CA														
3	12/18/2013	131820260	12/18/2013	445	18	Southwest	90028	1839	997	TRAFFIC DR #	MISD	CC	Unknown	100TH	ST	CA														
4	5/10/2013	131817514	10/18/2013	1730	18	Southwest	90081	1227	997	TRAFFIC DR #	MISD	CC	Unknown	100TH	ST	CA														
5	5/04/2013	130510483	5/25/2013	2000	6	Harbor	90731	507	THIEF	440 THEFT PLAIN - PETTY (UNDER \$400)	THIEF	CC	Unknown	1300 W SEPULVEDA		BL														
6	5/04/2013	13121618	5/22/2013	1145	12	77th Street	90003	1211	997	TRAFFIC DR #	MISD	CC	Unknown	145TH																
7	2/10/2014	131206359	2/8/2014	1540	12	77th Street	90003	1259	997	TRAFFIC DR #	MISD	CC	Unknown	CENTRAL AVE																
8	3/16/2014	141308108	3/16/2014	1530	13	Newton	90011	1347	510	VEHICLE - STOLEN	GTA	CC	Unknown	13 ALABAMA ST																
9	11/21/2012	120126332	11/16/2012	2030	1	Central	90014	192	888	TRESPASSING	CC	Unknown	400 W VENICE		BL															
10	8/22/2012	120916469	8/22/2012	1940	9	Van Nuys	90041	916	997	TRAFFIC DR #	CC	Unknown	HAZELTINE																	
11	7/16/2012	120619583	6/16/2012	1200	6	Hollywood	90028	644	922	CHILD STEALING	KID	CC	Unknown	1300 N HAZELTINE	ST															
12	5/5/2012	121110051	5/4/2012	2030	14	Northwest	90060	1102	997	TRAFFIC DR #	MISD	CC	Unknown	LOS FELIZ	BL															
13	4/30/2012	121710427	4/30/2012	1115	17	Downtown	91325	1764	997	TRAFFIC DR #	MISD	CC	Unknown	PULMUR	ST	TAI														

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| Date   | Report    | DR NO      | DATE_OCC | TIME_OCC       | AREA       | AREA_NAME  | ZIPCODE | RD                     | Crm.Cat          | Crm.Desc      | K       | CRIME   | GR      | Status          | Stat.Desc     | LOCATION |             |             |     |
| 3/0/2013   | 1320071   | 1320071    | 3/0/2013 | 20             | Olympic    | 90008      | 2015    | 907                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | OWEND         |          |             |             |     |
| 3/10/2013  | 130068787 | 3/10/2013  | 745      | 6              | Hollywood  | 90028      | 635     | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | ODIN          | ST       | CAI         |             |     |
| 12/18/2013   | 131820260 | 12/18/2013 | 445      | 18             | Southeast  | 90028      | 1839    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | 105TH         | ST       | JUN         |             |     |
| 5/10/2013  | 131817514 | 10/18/2013 | 1730     | 18             | Southeast  | 90061      | 1827    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | 1015T         | ST       | CRU         |             |     |
| 5/06/2013  | 130510083 | 5/25/2013  | 2000     | 5              | Harbor     | 90731      | 507     | 440                    | THEFT PLAIN -    | CC            | Unknown | CC      | Unknown | CC              | Unknown       | 1300     | W SEFULVEDA | BL          | CRI |
| 5/24/2013  | 13123618  | 5/22/2013  | 1145     | 18             | Southwest  | 90003      | 1211    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | 54TH          | CR       |             |             |     |
| 2/10/2014  | 141206459 | 2/8/2014   | 2340     | 12             | 7th Street | 90003      | 1259    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | CENTRAL AVE   |          | 75T         |             |     |
| 3/16/2014  | 141308108 | 3/16/2014  | 1530     | 13             | Newton     | 90011      | 1347    | 510                    | VEHICLE - STOLEN | GTA           | CC      | Unknown | CC      | Unknown         | 13 ALAMEDA ST |          | VEI         |             |     |
| 11/17/2013   | 13120383  | 11/14/2012 | 2010     | 1              | Central    | 90014      | 192     | 888                    | THEFT ASSAULT    | MISD          | CC      | Unknown | CC      | Unknown         | 400 W VANCE   | BL       |             |             |     |
| 8/22/2012  | 120916469 | 8/22/2012  | 1940     | 9              | Van Nys    | 90041      | 916     | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | HAZLETON      |          | VAI         |             |     |
| 7/16/2012  | 120619583 | 6/16/2012  | 1200     | 6              | Hollywood  | 90028      | 614     | 922                    | CHILD STEALING   | KID           | CC      | Unknown | CC      | Unknown         | 1300 N VISTA  | BL       | ST          |             |     |
| 5/5/2012   | 1110001   | 5/4/2012   | 2030     | 11             | Northwest  | 90065      | 1102    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | LOS FELIZ     | BL       | SEN         |             |     |
| 4/30/2012  | 121710427 | 4/30/2012  | 1115     | 17             | Devonshire | 91325      | 1764    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | PLUMMER       | AV       | TAI         |             |     |
| 4/30/2012  | 120800818 | 4/29/2012  | 2100     | 8              | West LA    | 90025      | 831     | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | GOSHEN        | AV       | BUI         |             |     |
| 3/18/2012  | 121209401 | 3/18/2012  | 1700     | 12             | 7th Street | 90003      | 1255    | 997                    | TRAFFIC DR #     | MISD          | CC      | Unknown | CC      | Unknown         | FLORENCE      | ST       | NO          |             |     |
| 6/26/2012  | 141215426 | 17/12/2012 | 1200</   |                |            |            |         |                        |                  |               |         |         |         |                 |               |          |             |             |     |

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