

Profile | 408,718 records displayed, 28 fields, 37 MB

DATE OCC

Summary

Type	Records	Data Type Size
V_String	408,718	254

- Ok: 408,718 (100.00%)
- Unique: 731 (0.18%)
- Null: 0 (0.00%)
- Not Ok: 0 (0.00%)
- Empty: 0 (0.00%)

Length Statistics

Min	22
Max	22
Average	22.00
Shortest Value	01/08/202...
Longest Value	01/08/202...
First Alphanumeric Value	01/01/202...
Last Alphanumeric Value	12/31/202...
Blanks	0
Values with Leading Whitespace	0
Values with Trailing Whitespace	0

- 3) TIME OCC: In this column, the time in all the rows were not in the correct format such as hh:mm, by changing to the correct format will be useful during analysis and visualization.

Output:

TIME OCC

Summary

Type	Records	Data Type Size
V_String	408,718	254

- Ok: 408,718 (100.00%)
- Unique: 1,439 (0.35%)
- Null: 0 (0.00%)
- Not Ok: 0 (0.00%)
- Empty: 0 (0.00%)

Length Statistics

Min	4
Max	4
Average	4.00
Shortest Value	2230
Longest Value	2230
First Alphanumeric Value	0001
Last Alphanumeric Value	2359
Blanks	0
Values with Leading Whitespace	0
Values with Trailing Whitespace	0

TIME OCC
2146
2125
2130
1800
0610
0531
1730
1900

TIME OCC
21:46:00
21:25:00
21:30:00
18:00:00
06:10:00
05:31:00
17:30:00
19:00:00

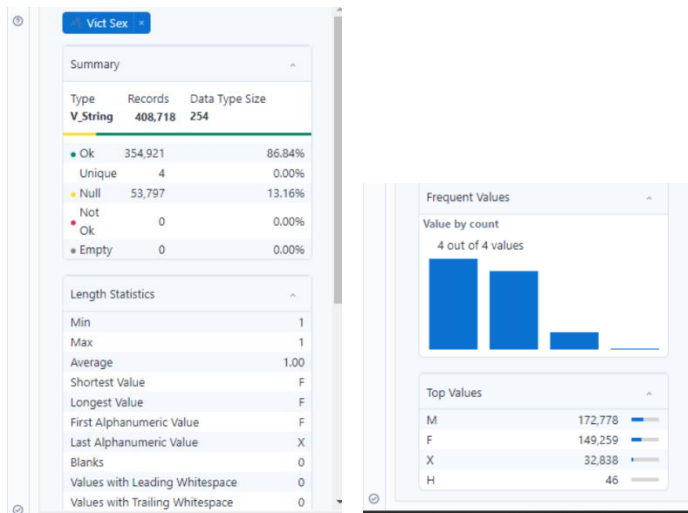
- Converted data type from v_string to time through a Formula Tool using the expression **ToDateTime(ToNumber(Left([TIME OCC], 2)) / 24 + ToNumber(Right([TIME OCC], 2)) / 1440).**
- Employed a Select Tool to apply the time data type uniformly.

- 4) Vict Age: Observed that there a few negative and zero values which is incorrect w.r.t. age. It would be the best to confirm if the values are entered correct or get rid of those values because according to me imputation does not seem right as the data would be incorrect and fake.

Distinct Values	
0	98,709
30	9,352
29	8,987
35	8,923
28	8,869
31	8,839
32	8,583
27	8,472
26	8,417
33	8,151
25	8,120
34	7,971

91	95
92	63
93	53
-1	52
94	51
95	42
98	35
96	34
97	28
-2	12
-3	1
120	1

- 5) Vict Sex: Here, along with multiple null values, there are unspecified values such as X with does not fall under any criteria. Like age, we could confirm if the values are entered correct or get rid of those values because according to me imputation does not seem right as the data would be incorrect and fake, moreover, it is not easy to impute string type data.



6) Null Value Considerations:

Managed columns with notable counts of NULL values (e.g., crm cd 2, crm cd 3, srm cd 4, weapons cd, weapons desc etc) by retaining their original state. Imputation was omitted to prevent potential data distortion. Further, Null could be replaced with 0 or NA for numbers or string type, respectively.

7) LOCATION, Cross Street:

Eliminated extraneous whitespace using the Data Cleansing Tool, enhancing data legibility.

Output:

LOCATION	Cross Street
1700 WESTMONT DR	[Null]
1500 N GAFFEY ST	[Null]
1700 ISLAND AV	[Null]
700 S PACIFIC AV	[Null]
1800 N LA BREA AV	[Null]
700 S PACIFIC AV	[Null]
WESTERN AV	228TH ST
1600 PACIFIC COAST HY	[Null]

8) Standardizing Data Types:

Updated data types of various columns using the Select Tool to ensure uniformity.