

 Bridge Highwa Bridge Highwa Bridge Highwa Bridge Highwa Bridge Highwa City has 22226 	of / 19.0% missing values Missing ay Direction has 4651000 / 99.8% missing Value Direction has a high cardinality: 51 ay Name has 4651697 / 99.9% missing value Name has a high cardinality: 79 distinct ay Segment has 4648257 / 99.8% missing Values Missing in cardinality: 646 distinct values Warning	distinct values Warning alues Missing ot values Warning ng values Missing	
 Closed Date h Closed Date h Community Boa Complaint Typ Created Date Cross Street Cross Street Cross Street 	nas 174010 / 3.7% missing values Missing nas a high cardinality: 1777563 distinct valued has a high cardinality: 77 distinct value has a high cardinality: 386 distinct values has a high cardinality: 3442409 distinct values 1 has 1848169 / 39.7% missing values 1 has a high cardinality: 19487 distinct values 1 has a high cardinality: 19757 distinct values 1 has a high cardinality: 1 has a high car	lues Warning les Warning les Warning alues Warning Missing alues Warning Missing	
 Descriptor has Descriptor has Due Date has Facility Type Incident Adda Incident Zip 	as 65912 / 1.4% missing values Missing as a high cardinality: 1322 distinct values 2988945 / 64.2% missing values Missing a high cardinality: 1563855 distinct values has 3385624 / 72.7% missing values Missing values has 642547 / 13.8% missing values has a high cardinality: 771408 distinct has 186600 / 4.0% missing values Missing values	Warning Warning lissing Missing nct values Warning	
 Intersection Intersection Intersection Intersection Landmark has a Landmark has a Latitude is high 	is an unsupported type, check if it needs Street 1 has 3677294 / 78.9% missing Street 1 has a high cardinality: 14422 Street 2 has 3680138 / 79.0% missing Street 2 has a high cardinality: 15136 4347691 / 93.3% missing values Missing a high cardinality: 7132 distinct values was ghly correlated with Y Coordinate (St. 305071 / 6.5% missing values Missing	g values Missing distinct values Warning g values Missing distinct values Warning	
 Location Type Location Type Longitude is h Park Facility Resolution Ac Resolution De 	a high cardinality: 770374 distinct values has 1035025 / 22.2% missing values has a high cardinality: 162 distinct value lighly correlated with X Coordinate (Sy Name has a high cardinality: 3022 distinction Updated Date has 89156 / 1.9% action Updated Date has a high cardinality: 3022 distinction Updated Date has a high cardinality: 3022 distinct values Manager Has a high cardinality: 3022 dist	lissing es Warning tate Plane) (p = 1) Rejected nct values Warning 6 missing values Missing nality: 1773880 distinct values Warning values Missing	
 Road Ramp has Street Name h Street Name h Taxi Company Taxi Pick Up Taxi Pick Up Vehicle Type 	has a high cardinality: 1030 a 4651054 / 99.8% missing values Missing has 642800 / 13.8% missing values Missing has 642800 has 4654844 / 99.9% missing Location has 4621825 / 99.2% missing Location has a high cardinality: 15323 has 4658209 / 100.0% missing values Missing Value	yalues Missing g values Missing distinct values Warning lissing	
	(State Plane) has 305071 / 6.5% mi		
Address Type Categorical Distinct count 6 Unique (%) 0.0% Missing (%) 9.8% Missing (n) 457798	ADDRESS INTERSECTION BLOCKFACE	3559363	
Agency Categorical	Other values (2) (Missing)		Toggle
Distinct count 29 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0	NYPD HPD DSNY Other values (26)	1382354 958579 657470 1660204	
Agency Name Categorical Distinct count 1004 Unique (%) 0.0% Missing (%) 0.0%			Toggle
Missing (n) 0 Depart	New York City Police Department ment of Housing Preservation and Development Department of Transportation Other values (1001)		Toggle
BBL Numeric Distinct count 544239 Unique (%) 11.7% Missing (%) 19.0% Missing (n) 884935 Infinite (%) 0.0% Infinite (n) 0 Mean 2830800000			
Minimum 0 Maximum 5270000000 Zeros (%) 0.0%	Le9		Toggle
Borough Categorical Distinct count 6 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0	BROOKLYN QUEENS MANHATTAN	1474672 1148699 883757	
Bridge Highway Directorical Distinct count 51		1151479	Toggle
Unique (%) 0.0% Missing (%) 99.8% Missing (n) 4651000			
Bridge Highway Nar Categorical Distinct count 79 Unique (%) 0.0% Missing (%) 99.9% Missing (n) 4651697			Toggle
• • •			Toggle
Bridge Highway Seg Categorical Distinct count 4004 Unique (%) 0.1% Missing (%) 99.8% Missing (n) 4648257			
City			Toggle
City Categorical Distinct count 646 Unique (%) 0.0% Missing (%) 4.8% Missing (n) 222263	BROOKLYN NEW YORK BRONX Other values (642)	790369	
Closed Date Categorical Distinct count 1777563 Unique (%) 38.2%	Other values (642)	1371840	Toggle
Unique (%) 38.2% Missing (%) 3.7% Missing (n) 174010			Taggla
Community Board Categorical Distinct count 77 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0			Toggle
	12 MANHATTAN 05 QUEENS 12 QUEENS Other values (74)		Toggle
Complaint Type Categorical Distinct count 386 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0	Noise - Residential HEAT/HOT WATER Illegal Parking		
Created Date Categorical	Other values (383)	3603536	Toggle
Distinct count 3442409 Unique (%) 73.9% Missing (%) 0.0% Missing (n) 0			Tanala
Cross Street 1 Categorical Distinct count 19487 Unique (%) 0.4% Missing (%) 39.7% Missing (n) 1848169			Toggle
	BEND BROADWAY 5 AVENUE Other values (19483) (Missing)		Toggle
Cross Street 2 Categorical Distinct count 19757 Unique (%) 0.4% Missing (%) 39.9% Missing (n) 1859363	BEND BROADWAY		
Descriptor	DEAD END Other values (19753) (Missing)	2679794 1859363	Toggle
Categorical Distinct count 1322 Unique (%) 0.0% Missing (%) 1.4% Missing (n) 65912	Loud Music/Party Request Large Bulky Item Collection ENTIRE BUILDING Other values (1318)		
Due Date Categorical Distinct count			Toggle
Missing (n) 2988945			Toggle
Facility Type Categorical Distinct count Unique (%) Missing (%) Missing (n) 3385624		1089417	
Incident Address	DSNY Garage School (Missing)		Toggle
Categorical Distinct count 771408 Unique (%) 16.6% Missing (%) 13.8% Missing (n) 642547	78-15 PARSONS BOULEVARD 82-16 164 STREET 89-21 ELMHURST AVENUE Other values (771404)		
	(Missing) oported type, check if it needs cleaning or	further analysis	Toggle
Unsupported value Intersection Street 1 Categorical Distinct count 14422 Unique (%) 0.3% Missing (%) 78.9% Missing (n) 3677294			
	BROADWAY BEND 5 AVENUE Other values (14418) (Missing)		Toggle
Intersection Street 2 Categorical Distinct count	BROADWAY BEND		
Landmark	3 AVENUE Other values (15132) (Missing)	948471 3680138	Toggle
Landmark Categorical Distinct count Unique (%) Missing (%) Missing (n) 4347691			
Latitude Highly correlated This variable is highly co	(Missing)	4347691 Plane) and should be ignored for analysis	Toggle
Correlation 1 Location Categorical Distinct count 770374 Unique (%) 16.5% Missing (%) 6.5%	Y Coordinate (State	Plane) and should be ignored for analysis	
Missing (%) 6.5% Missing (n) 305071	(40.72195913199264, -73.80969682426189) (40.71871595041182, -73.80382951018838) (40.747420328856705, -73.87685300997468) Other values (770370) (Missing)		Toggle
Location Type Categorical Distinct count Unique (%) Missing (%) Missing (n) 1035025	RESIDENTIAL BUILDING	946985	
	Street/Sidewalk Sidewalk Other values (158) (Missing)	866095	Toggle
Open Data Channel Categorical		Plane) and should be ignored for analysis	
Distinct count 5 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0	PHONE ONLINE UNKNOWN Other values (2)	2376429 976753 678867 626558	
Park Borough Categorical Distinct count 6 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0			Toggle
	BROOKLYN QUEENS MANHATTAN Other values (3)	1474672 1148699 883757 1151479	Toggle
Park Facility Name Categorical Distinct count 3022 Unique (%) 0.1% Missing (%) 0.0% Missing (n) 444	Unspecified Central Park Prospect Park Other values (3018)		
Resolution Action U Categorical Distinct count 1773880	Other values (3018) pdated Date		Toggle
Distinct count 1773880 Unique (%) 38.1% Missing (%) 1.9% Missing (n) 89156		4562565	
Resolution Descripti Categorical Distinct count 1030 Unique (%) 0.0% Missing (%) 8.2% Missing (n) 382186	on		Toggle
Missing (n) 382186 The Police Department response The Police D	ponded to the complaint and with the informati conded to the complaint and took action to fix t Preservation and Development inspected the Other values (1026) (Missing)	3300079	Toggle
Road Ramp Categorical Distinct count Unique (%) Missing (%) Missing (n) 4651054	Roadway		
Status Categorical	Ramp (Missing)		Toggle
Distinct count 10 Unique (%) 0.0% Missing (%) 0.0% Missing (n) 0	Closed In Progress Pending Other values (7)		
Street Name Categorical Distinct count 20788 Unique (%) 0.4% Missing (%) 13.8% Missing (n) 642800			Toggle
642800	BROADWAY GRAND CONCOURSE 5 AVENUE Other values (20784) (Missing)		Toggle
Taxi Company Boron Categorical Distinct count 12 Unique (%) 0.0% Missing (%) 99.9% Missing (n) 4654844	MANHATTAN		
	MANHAI IAN BROOKLYN		

Toggle details

9990

1744

852 24196

Toggle details

4621825

Taxi Pick Up Location

15323

99.2% 4621825

0.3%

Other

JFK Airport

(Missing)

La Guardia Airport

Other values (15319)

Categorical

Distinct count

Unique (%)

Missing (%)
Missing (n)

In [10]: pandas_profiling.ProfileReport(NYC_311_2018_2019_SEP_DF)

Number of variables 41

Total Missing (%) 31.4% otal size in memory 1.4 GiB

Number of observations

Total size in memory

Average record size in memory

Variables types

1.4 GiB
328.0 B

4

34

0

0

0

Overview

Dataset info

Numeric

Categorical

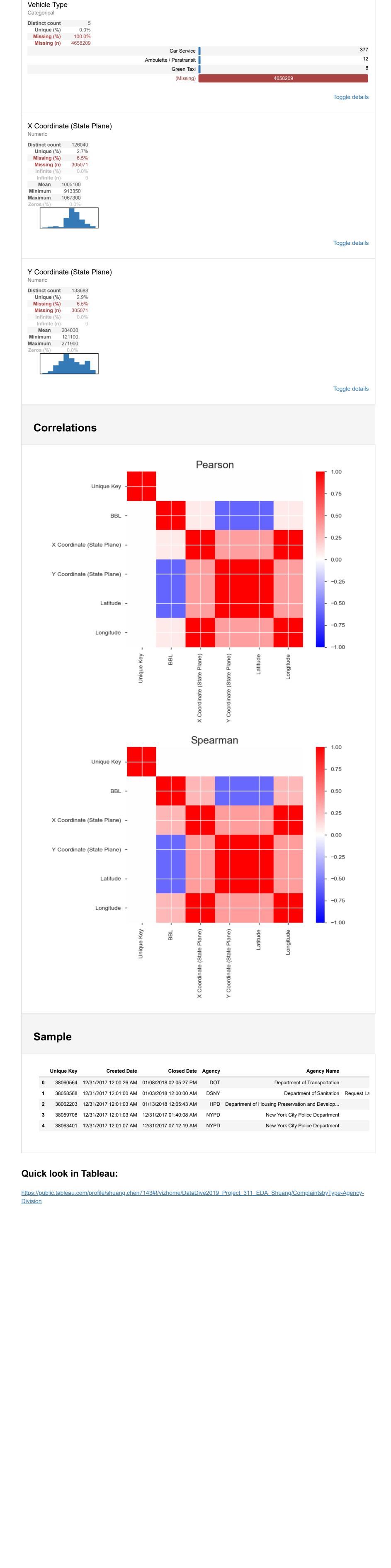
Boolean

Text (Unique)

Date

Rejected 2 Unsupported 1

Out[10]:



Unique Key Numeric

Distinct count

Unique (%)

Missing (n)

Infinite (n)

Minimum

Maximum Zeros (%)

Missing (%) 0.0%

Infinite (%) 0.0%

Mean 40880000

38057844 43921350

0.0%

1e7

Toggle details

4658607

100.0%