Overview

Brought to you by Kaggle

Dataset statistics

Number of variables	14
Number of observations	47776
Missing cells	3890503
Missing cells (%)	72.0%
Duplicate rows	1860
Duplicate rows (%)	4.0%
Total size in memory	277.7 MiB
Average record size in memory	6.0 KiB

Variable types

Text	10
Categorical	02
DateTime	1
Numeric	1

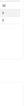
Variables

Select Columns

Restaurant Name

Text

Distinct	7391
Distinct (%)	15.4%
Missing	0
Missing (%)	0.0%
Memory size	3.4 MiB



More details

Inspection Type

Categorical

Categorical Rejected

Distinct	3
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	2.9 MiB

More details

Inspection Date

Date

Distinct	588
Distinct (%)	1.1%
Missing	0
Missing (%)	0.0%
Memory size	369.0 KiB
Minimum	2001-01-02 00:00:00
Maximum	2004-05-28 00:00:00
Invalid dates	0
Invalid dates (%)	0.0%

More details

Inspection Score

Real number (ℝ)

Numeric Rejected

Distinct	52
Distinct (%)	0.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	91.450001
Minimum	-28
Maximum	100
Zeros	1
Zeros (%)	0.0%
Negative	12
Negative (%)	< 0.1%
Memory size	300.0 KiB

More details

Street Number

Real number (ℝ)

Numeric Rejected

Distinct	10718
Distinct (%)	22.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	3001.7721
Minimum	0
Maximum	39779
Zeros	42
Zeros (%)	0.1%
Negative	0
Negative (%)	0.0%
Memory size	300.0 KiB

More details

Street Name

Text

Distinct	768
Distinct (%)	1.7%
Missing	0
Missing (%)	0.0%
Memory size	2.9 MiB

More details

Street Direction

Categorical

Categorical Rejected

Distinct	4
Distinct (%)	< 0.1%
Missing	20206
Missing (%)	42.3%
Memory size	2.8 MiB

More details

Street Type

Categorical

Categorical Rejected

Distinct	18
Distinct (%)	< 0.1%
Missing	1031
Missing (%)	2.1%
Memory size	2.7 MiB

More details

Street Unit

Text

Unique

Distinct	837
Distinct (%)	5.0%
Missing	30776
Missing (%)	64.4%
Memory size	1.8 MiB

More details

Street Address

Text

Distinct	8893
Distinct (%)	18.2%
Missing	0
Missing (%)	0.0%
Memory size	3.4 MiB

More details

Zip Code

Text

Distinct	190
Distinct (%)	0.3%
Missing	0
Missing (%)	0.0%
Memory size	2.8 MiB

75217
75207
75220
208
0
0
0

Violation Description - 5

Text

Distinct	404
Distinct (%)	1.8%
Missing	29521
Missing (%)	53.6%
Memory size	2.8 MiB

More details

Violation Description - 5

Text

Distinct	404
Distinct (%)	1.8%
Missing	29521
Missing (%)	53.6%
Memory size	2.8 MiB

More details

Violation Points - 5

Categorical

Unique | Distinct

Distinct	4
Distinct (%)	< 0.1%
Missing	29521
Missing (%)	53.6%
Memory size	2.8 MiB

More details

Violation Detail - 5

Text

Unique

Distinct	410
Distinct (%)	1.9%
Missing	29724
Missing (%)	54.0%
Memory size	10.4 MiB

More details

Violation Memo - 5

Text

Unique

Distinct	9450
Distinct (%)	51.1%
Missing	29521
Missing (%)	53.6%
Memory size	2.7 MiB

More details

Violation Description - 6

Text

Unique

Distinct	391
Distinct (%)	2.2%
Missing	29950
Missing (%)	54.4%
Memory size	2.7 MiB

More details

Violation Points - 6

Categorical

Unique | Distinct

Distinct	3
Distinct (%)	< 0.1%
Missing	29950
Missing (%)	54.4%
Memory size	2.8 MiB

More details

Violation Detail - 6

Text

Unique

Distinct	395
Distinct (%)	2.2%
Missing	29950
Missing (%)	54.4%
Memory size	8.7 MiB

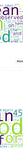
More details

Violation Memo - 6

Text

Unique

Distinct	7657
Distinct (%)	50.9%
Missing	29521
Missing (%)	53.6%
Memory size	2.5 MiB



More details

Violation Description - 7

Text

Unique

Distinct	374
Distinct (%)	2.1%
Missing	30259
Missing (%)	55.0%
Memory size	2.4 MiB

More details

Violation Points - 7

Categorical

Unique | Distinct

Distinct	3
Distinct (%)	< 0.1%
Missing	30259
Missing (%)	55.0%
Memory size	2.8 MiB

More details

Violation Detail - 7

Text

Unique

Distinct	378
Distinct (%)	2.0%
Missing	30259
Missing (%)	55.0%
Memory size	7.2 MiB

More details

Violation Memo - 7

Text

Unique

Distinct	6190
Distinct (%)	33.4%
Missing	30259
Missing (%)	55.0%
Memory size	2.3 MiB

More details

Violation Description - 8

Text

Unique

Distinct	327
Distinct (%)	3.0%
Missing	30575
Missing (%)	55.6%
Memory size	2.1 MiB

More details

Violation Points - 8

Categorical

Unique | Distinct

Distinct	3
Distinct (%)	< 0.1%
Missing	30575
Missing (%)	55.6%
Memory size	2.8 MiB

More details

Violation Detail - 8

Text

Unique

Distinct	332
Distinct (%)	3.1%
Missing	30575
Missing (%)	55.6%
Memory size	5.9 MiB

More details

Violation Memo - 8

Text

Unique

Distinct	4780
Distinct (%)	41.4%
Missing	27896
Missing (%)	50.7%
Memory size	2.1 MiB

More details

Violation Description - 9

Text

Unique

Distinct	302
Distinct (%)	3.7%
Missing	46921
Missing (%)	85.3%
Memory size	2.0 MiB

More details

Violation Points - 9

Categorical

Unique | Distinct

Distinct	4
Distinct (%)	< 0.1%
Missing	46921
Missing (%)	85.3%
Memory size	2.8 MiB

More details

Violation Detail - 9

Text

Unique

Distinct	305
Distinct (%)	3.8%
Missing	46921
Missing (%)	85.3%
Memory size	4.7 MiB

More details

Violation Memo - 9

Text

Unique

Distinct	2738
Distinct (%)	33.3%
Missing	46921
Missing (%)	85.3%
Memory size	1.8 MiB

More details

Violation Description - 10

Text

Unique

Distinct	243
Distinct (%)	4.7%
Missing	47155
Missing (%)	85.7%
Memory size	1.9 MiB

More details

Violation Points - 10

Categorical

Unique | Distinct

Distinct	3
Distinct (%)	< 0.1%
Missing	47155
Missing (%)	85.7%
Memory size	2.8 MiB

More details

Violation Detail - 10

Text

Unique

Distinct	240
Distinct (%)	4.6%
Missing	47155
Missing (%)	85.7%
Memory size	3.9 MiB

More details

Violation Memo - 10

Text

Unique

Distinct	2766
Distinct (%)	51.8%
Missing	47155
Missing (%)	85.7%
Memory size	1.8 MiB

More details

Violation Description - 11

Text

Unique

Distinct	247
Distinct (%)	5.0%
Missing	49997
Missing (%)	90.8%
Memory size	1.7 MiB

More details

Violation Points - 11

Categorical

Unique | Distinct

Distinct	3
Distinct (%)	0.1%
Missing	49997
Missing (%)	90.8%

Missing (%)	91.1%
Memory size	2.9 MB

More details

Violation Detail - 11

Text

Text

Distinct	252
Distinct (%)	8.2%
Missing	44563
Missing (%)	91.4%
Memory size	3.1 MB

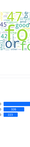
More details

Violation Memo - 11

Text

Text

Distinct	1623
Distinct (%)	52.3%
Missing	44563
Missing (%)	91.4%
Memory size	1.7 MB



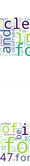
More details

Violation Description - 12

Text

Text

Distinct	274
Distinct (%)	8.3%
Missing	44563
Missing (%)	91.4%
Memory size	1.8 MB



More details

Violation Points - 12

Categorical

Numeric Text

Distinct	3
Distinct (%)	0.1%
Missing	44563
Missing (%)	91.4%
Memory size	2.9 MB

More details

Violation Detail - 12

Text

Text

Distinct	276
Distinct (%)	8.7%
Missing	44563
Missing (%)	91.4%
Memory size	2.9 MB

More details

Violation Memo - 12

Text

Text

Distinct	1591
Distinct (%)	52.2%
Missing	44563
Missing (%)	91.4%
Memory size	1.8 MB

More details

Violation Description - 13

Text

Text

Distinct	176
Distinct (%)	11.2%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Points - 13

Categorical

Numeric Text

Distinct	3
Distinct (%)	0.2%
Missing	44563
Missing (%)	91.7%
Memory size	2.9 MB

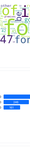
More details

Violation Detail - 13

Text

Text

Distinct	177
Distinct (%)	11.6%
Missing	44563
Missing (%)	91.7%
Memory size	2.9 MB



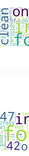
More details

Violation Memo - 13

Text

Text

Distinct	782
Distinct (%)	51.1%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB



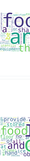
More details

Violation Description - 14

Text

Text

Distinct	163
Distinct (%)	10.7%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB



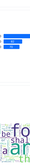
More details

Violation Points - 14

Categorical

Numeric Text

Distinct	3
Distinct (%)	0.2%
Missing	44563
Missing (%)	91.7%
Memory size	2.9 MB



More details

Violation Detail - 14

Text

Text

Distinct	164
Distinct (%)	10.8%
Missing	44563
Missing (%)	91.7%
Memory size	1.8 MB

More details

Violation Memo - 14

Text

Text

Distinct	522
Distinct (%)	57.1%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Description - 15

Text

Text

Distinct	151
Distinct (%)	10.3%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Points - 15

Categorical

Numeric Text

Distinct	3
Distinct (%)	0.4%
Missing	44563
Missing (%)	91.7%
Memory size	2.9 MB

More details

Violation Detail - 15

Text

Text

Distinct	151
Distinct (%)	10.6%
Missing	44563
Missing (%)	91.7%
Memory size	1.7 MB

More details

Violation Memo - 15

Text

Text

Distinct	349
Distinct (%)	37.1%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Description - 16

Text

Text

Distinct	139
Distinct (%)	25.2%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Points - 16

Categorical

Numeric Text

Distinct	3
Distinct (%)	0.7%
Missing	44563
Missing (%)	91.7%
Memory size	2.9 MB

More details

Violation Detail - 16

Text

Text

Distinct	140
Distinct (%)	25.5%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Memo - 16

Text

Text

Distinct	229
Distinct (%)	42.0%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Description - 17

Text

Text

Distinct	80
Distinct (%)	34.8%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Points - 17

Categorical

Numeric Text

Distinct	3
Distinct (%)	1.3%
Missing	44563
Missing (%)	91.7%
Memory size	2.9 MB

More details

Violation Detail - 17

Text

Text

Distinct	80
Distinct (%)	35.2%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Memo - 17

Text

Text

Distinct	142
Distinct (%)	62.5%
Missing	44563
Missing (%)	91.7%
Memory size	1.5 MB

More details

Violation Description - 18

Text

Unique

Distinct	60
Distinct (%)	45.2%
Missing	4755
Missing (%)	99.7%
Memory size	13.5 KB

More details

Violation Points - 18

Text

Categorical

Unique

Distinct	3
Distinct (%)	2.3%
Missing	4755
Missing (%)	99.7%
Memory size	2.9 KB

More details

Violation Detail - 18

Text

Unique

Distinct	60
Distinct (%)	47.4%
Missing	4755
Missing (%)	99.7%
Memory size	13.5 KB

More details

Violation Memo - 18

Text

Unique

Distinct	65
Distinct (%)	63.0%
Missing	4755
Missing (%)	99.7%
Memory size	13.5 KB

More details

Violation Description - 19

Text

Categorical

Unique

Distinct	47
Distinct (%)	40.7%
Missing	4755
Missing (%)	99.8%
Memory size	2.9 KB

More details

Violation Points - 19

Text

Categorical

Unique

Distinct	3
Distinct (%)	3.3%
Missing	4755
Missing (%)	99.8%
Memory size	2.9 KB

More details

Violation Detail - 19

Text

Categorical

Unique

Distinct	47
Distinct (%)	49.4%
Missing	4755
Missing (%)	99.8%
Memory size	2.9 KB

More details

Violation Memo - 19

Text

Unique

Distinct	52
Distinct (%)	55.3%
Missing	4755
Missing (%)	99.8%
Memory size	1.4 KB

More details

Violation Description - 20

Text

Categorical

Unique

Distinct	26
Distinct (%)	46.7%
Missing	4755
Missing (%)	99.9%
Memory size	2.9 KB

More details

Violation Points - 20

Text

Categorical

Unique

Distinct	3
Distinct (%)	5.6%
Missing	4755
Missing (%)	99.9%
Memory size	2.9 KB

More details

Violation Detail - 20

Text

Unique

Distinct	25
Distinct (%)	52.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.5 KB

More details

Violation Memo - 20

Text

Unique

Distinct	39
Distinct (%)	75.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.4 KB

More details

Violation Description - 21

Text

Unique

Distinct	20
Distinct (%)	55.6%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Points - 21

Text

Categorical

Unique

Distinct	3
Distinct (%)	8.3%
Missing	4755
Missing (%)	99.9%
Memory size	2.9 KB

More details

Violation Detail - 21

Text

Unique

Distinct	16
Distinct (%)	41.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.3 KB

More details

Violation Memo - 21

Text

Unique

Distinct	24
Distinct (%)	70.6%
Missing	4755
Missing (%)	99.9%
Memory size	1.4 KB

More details

Violation Description - 22

Text

Unique

Distinct	11
Distinct (%)	9.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Points - 22

Text

Categorical

Unique

Distinct	3
Distinct (%)	16.4%
Missing	4755
Missing (%)	99.9%
Memory size	2.9 KB

More details

Violation Detail - 22

Text

Unique

Distinct	11
Distinct (%)	10.9%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Memo - 22

Text

Unique

Distinct	10
Distinct (%)	55.6%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Description - 23

Text

Unique

Distinct	6
Distinct (%)	75.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Points - 23

Text

Categorical

Unique

Distinct	3
Distinct (%)	37.5%
Missing	4755
Missing (%)	99.9%
Memory size	2.9 KB

More details

Violation Detail - 23

Text

Unique

Distinct	6
Distinct (%)	75.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Memo - 23

Text

Unique

Distinct	6
Distinct (%)	75.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Description - 24

Text

Unique

Distinct	3
Distinct (%)	60.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Points - 24

Text

Categorical

Unique

Distinct	1
Distinct (%)	20.0%
Missing	4755
Missing (%)	99.9%
Memory size	2.9 KB

More details

Violation Detail - 24

Text

Unique

Distinct	3
Distinct (%)	60.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Violation Memo - 24

Text

Unique

Distinct	3
Distinct (%)	60.0%
Missing	4755
Missing (%)	99.9%
Memory size	1.2 KB

More details

Memory size	1.4 MiB

More details

Violation Description - 25

Text

Common	Missing
Distinct	1
Distinct (%)	50.0%
Missing	47717
Missing (%)	99.9%
Memory size	1.4 MiB

More details

Violation Points - 25

Categorical

Common	Missing
Distinct	1
Distinct (%)	50.0%
Missing	47717
Missing (%)	99.9%
Memory size	2.9 MiB

More details

Violation Detail - 25

Text

Common	Missing
Distinct	1
Distinct (%)	50.0%
Missing	47717
Missing (%)	99.9%
Memory size	1.4 MiB

More details

Violation Memo - 25

Text

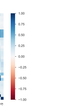
Common	Missing
Distinct	1
Distinct (%)	50.0%
Missing	47717
Missing (%)	99.9%
Memory size	1.4 MiB

More details

Inspection Month

Date

Distinct	38	Minimum	2021-01-01 00:00:00
Distinct (%)	0.1%	Maximum	2024-02-01 00:00:00
Missing	0	Invalid dates	0
Missing (%)	0.0%	Invalid dates (%)	0.0%
Memory size	369.0 KiB		



More details

Inspection Year

Categorical

Imbalance

Distinct	4
Distinct (%)	0.0%
Missing	0
Missing (%)	0.0%
Memory size	2.8 MiB

More details

Lat Long Location

Text

Distinct	17354
Distinct (%)	36.8%
Missing	0
Missing (%)	0.0%
Memory size	4.2 MiB

More details

Interactions

Inspection Score Street Number

Street Number Inspection Score

Correlations

Auto

Heatmap Table

Missing values

Count Matrix Heatmap

A simple visualization of nullity by column.

Sample

First rows Last rows

	Restaurant Name	Inspection Type	Inspection Date	Inspection Score	Street Number	Street Name	Street Direction	Street Type	Street Unit
0	SAMS CLUB #6482 - DEMO ROOM	Routine	2025-04-05	100	5555	B			
1	AKC THEATRES NORTHPARK 15 (BAR)	Routine	2021-04-09	100	8687	C			
2	SAMS CLUB #6262 - DEMO ROOM	Routine	2021-11-14	100	2900	S			
3	AFC SUSHI	Routine	2021-04-12	98	1441	B			
4	FANNIN INNOVATION DESIGN	Routine	2022-11-07	96	4800	B			
5	WINE PRESIDIO FISHHEAD	Routine	2022-04-20	100	2500	V			
6	TIMATY CIDER	Routine	2021-07-01	98	2668	V			
7	MCDONALDS	Routine	2022-07-14	99	2747	F			
8	MCDONALD'S	Routine	2022-01-19	100	2051	D			
9	HOTEL ZEA BANQUET KITCHEN	Routine	2021-08-13	99	2332	U			

Duplicate rows

Most frequently occurring

	Restaurant Name	Inspection Type	Inspection Date	Inspection Score	Street Number	Street Name	Street Direction	Street Type	Street Unit
10843	MCDONALDS	Routine	2023-03-30	99	4223	ILLINOIS	W	AVE	NaN
905	AMERICAN FOOD VENDING SERVICES INC - DEMO ROOM (CALL 214-769-1656)	Routine	2023-04-26	100	13353	TI	NaN	BLVD	NaN
1510	BAYLOR UNIVERSITY MEDCTR PHYSICIANS	Routine	2023-06-16	100	3500	GASTON	NaN	AVE	NaN
1755	BISHOP DUANE HIGH STADIUM	Routine	2023-11-16	99	3900	RUGGED	NaN	DR	NaN
2499	CANTEEN @ AMAZON (WH-LARGE REMOTE BREAKROOM	Routine	2022-07-15	100	9155	SOUTHLINK	NaN	DR	NaN
2745	CC YOUNG (LEVEL 5 CAFE)	Routine	2022-08-06	100	4849	LANTHER	W	DR	NaN
3659	CONCOURSE SHOPS	Routine	2022-08-09	100	208	AKARD	S	ST	NaN
5880	FAITH FAMILY ACADEMY	Routine	2023-11-16	100	300	KEST	W	BLVD	NaN
6352	FOODA AT SOUTHWEST AIRLINES (CAFETERIA BEYOND AREA)	Routine	2024-01-31	97	2195	RESEARCH	NaN	ROW	NaN
6901	GOLDEN CHICK	Routine	2024-01-23	94	10443	CENTRAL	N	EXPW	NaN