YData Profiling Report

Overview

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| Overview | Alerts 1 | Reproduction |

Dataset statistics

Number of variables	15
Number of observations	55500
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	534
Duplicate rows (%)	1.0%
Total size in memory	6.4 MiB
Average record size in memory	120.0 B

Variable types

Text	3
Numeric	3
Categorical	7
DateTime	2

Variables

Select Columns

Name
Text

Distinct	49992
Distinct (%)	90.1%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

More details

Age
Real number (ℝ)

Distinct	77		Minimum	13
Distinct (%)	0.1%		**Maximum**	89
Missing	0		**Zeros**	0
Missing (%)	0.0%		**Zeros (%)**	0.0%
Infinite	0		**Negative**	0
Infinite (%)	0.0%		**Negative (%)**	0.0%
Mean	51.539459		**Memory size**	433.7
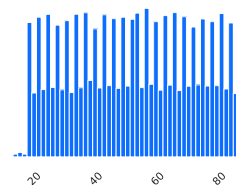
More details

Gender

Categorical

Distinct	2
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

Male	27774
Female	27726

More details

Blood Type

Categorical

Distinct	8
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

A-	6969
A+	6956
AB+	6947
AB-	6945
B+	6945
Other va...	20738

More details

Medical Condition

Categorical

Distinct	6
Distinct (%)	< 0.1%

Arthritis	9308
Diabetes	9304
Hyperte...	9245

Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

Obesity	9231
Cancer	9227
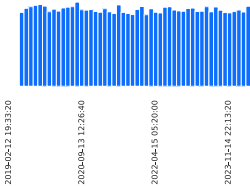
More details

Date of Admission

Date

Distinct	1827
Distinct (%)	3.3%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

Minimum	2019-
Maximum	2024-
Invalid dates	0
Invalid dates (%)	0.0%

2019-02-12 19:33:20 2020-09-13 12:26:40 2022-04-15 05:20:00 2023-11-14 22:13:20

More details

Doctor

Text

Distinct	40341
Distinct (%)	72.7%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

More details

Hospital

Text

Distinct	39876
Distinct (%)	71.8%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

More details

Insurance Provider

Categorical

Distinct	5	Cigna	11249
Distinct (%)	< 0.1%	Medicare	11154
Missing	0	UnitedH...	11125
Missing (%)	0.0%	Blue Cro...	11059
Memory size	433.7 KiB	Aetna	10913

More details

Billing Amount

Real number (ℝ)

Distinct	50000	**Minimum**	-2008	
Distinct (%)	90.1%	**Maximum**	52764	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	108	
Infinite (%)	0.0%	**Negative (%)**	0.2%	
Mean	25539.316	**Memory size**	433.7	

More details

Room Number

Real number (ℝ)

Distinct	400	**Minimum**	101
Distinct (%)	0.7%	**Maximum**	500
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
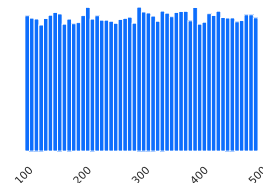
Mean	301.13483

Memory size	433.7

More details

Admission Type

Categorical

Distinct	3
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

Elective	18655
Urgent	18576
Emerge...	18269

More details

Discharge Date

Date

Distinct	1856	
Distinct (%)	3.3%	
Missing	0	
Missing (%)	0.0%	
Memory size	433.7 KiB	

Minimum	2019-0
Maximum	2024-
Invalid dates	0
Invalid dates (%)	0.0%

More details

Medication

Categorical

Distinct	5
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

Lipitor	11140
Ibuprofen	11127
Aspirin	11094
Paracet...	11071
Penicillin	11068

More details

Test Results

Categorical

Distinct	3
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	433.7 KiB

Abnormal	18627
Normal	18517
Inconclu...	18356

More details

Interactions

Age	Billing Amount	Room Number

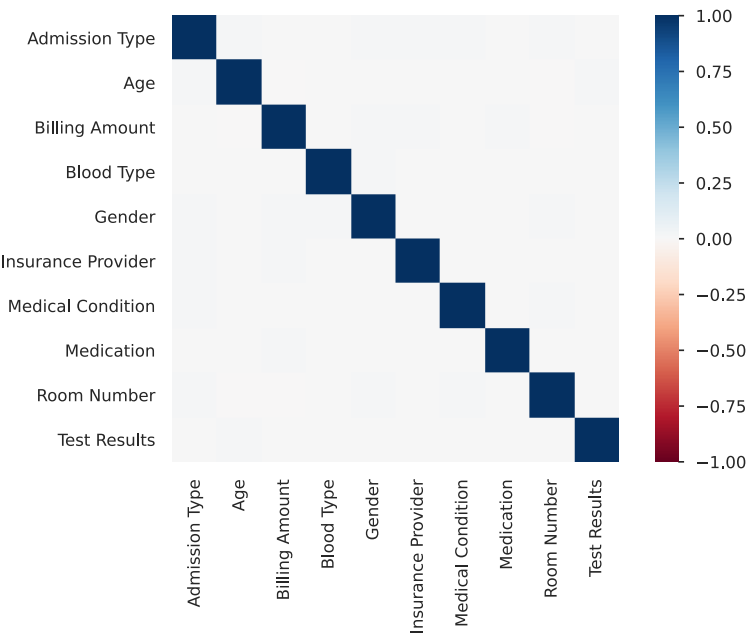| Room Number	Age	Billing Amount
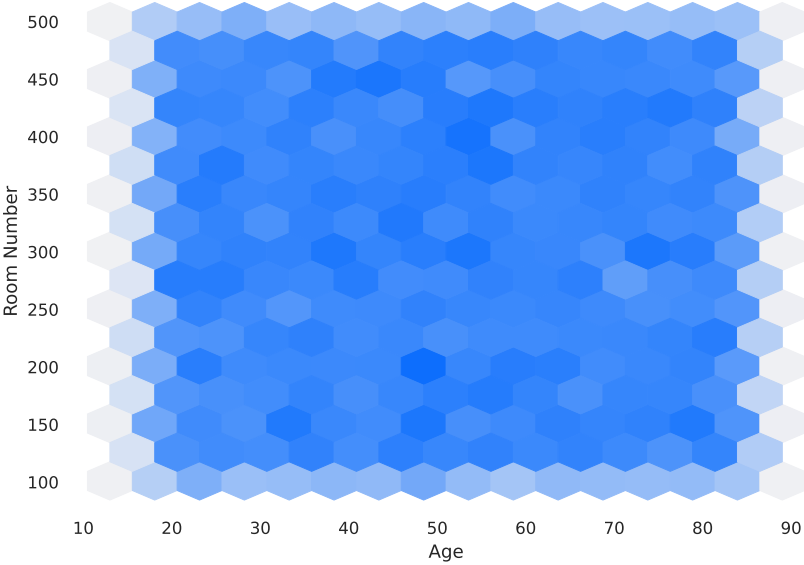
Correlations

Auto
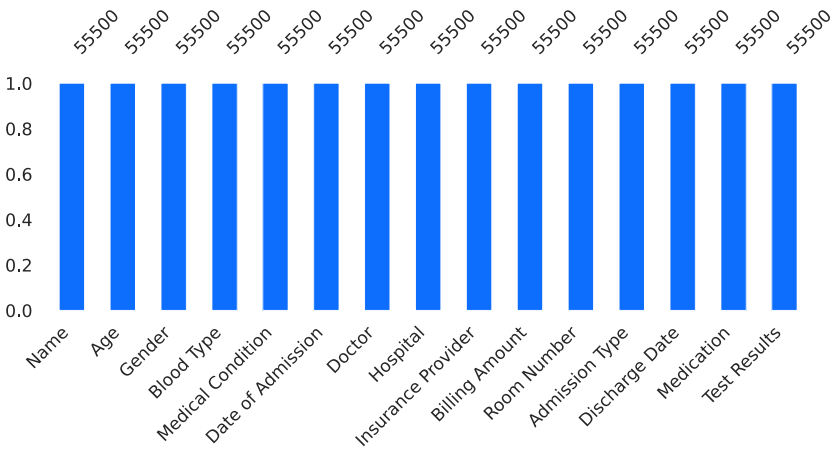
Heatmap   Table

Missing values

Count   Matrix

A simple visualization of nullity by column.

Sample

First rows   Last rows

	Name	Age	Gender	Blood Type	Medical
0	Bobby JacksOn	30	Male	B-	Cancer
1	LesLie TErRy	62	Male	A+	Obesity
2	DaNnY sMitH	76	Female	A-	Obesity
3	andrEw waTtS	28	Female	O+	Diabetes
4	adrIENNE bEll	43	Female	AB+	Cancer
5	EMILY JOHNSOn	36	Male	A+	Asthma

	Name	Age	Gender	Blood Type	Medical
6	edwArD EDWaRDs	21	Female	AB-	Diabetes
7	CHrisTInA MARtinez	20	Female	A+	Cancer
8	JASmINe aGuIlaR	82	Male	AB+	Asthma
9	ChRISTopher BerG	58	Female	AB-	Cancer

Duplicate rows

Most frequently occurring

	Name	Age	Gender	Blood Type	Medical Condition	Date of Admission
0	ABIgaIL YOung	41	Female	O+	Hypertension	2022-12-15
1	ALIcia taYLoR	78	Male	O+	Asthma	2022-09-18
2	AMy GREEN	79	Female	B+	Obesity	2021-03-30
3	ANDREA HansEN	61	Male	O+	Cancer	2021-07-02
4	ANDrEA fREnCH	73	Male	A-	Arthritis	2021-02-08
5	ANGelA BECkER	41	Female	B-	Obesity	2022-02-26
6	ANdREa SMITh	79	Female	B-	Arthritis	2023-08-18
7	ANdrE WoOds	78	Female	A+	Arthritis	2023-02-21

	Name	Age	Gender	Blood Type	Medical Condition	Date of Admission
8	ANdrEa Wade	25	Male	O-	Obesity	2019-12-12
9	ANgELa praTT	78	Female	A-	Hypertension	2022-09-09

Report generated by YData.