Overview

Dataset statistics

Number of variables	15
Number of observations	891
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	104.5 KiB
Average record size in memory	120.1 B

Variable types

Numeric	6
Categorical	7
Text	2

Variables

Select Columns ⌄

PassengerId

Real number (ℝ)

`Uniform` `Unique`

Distinct	891	**Minimum**	1	
Distinct (%)	100.0%	**Maximum**	891	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	446	**Memory size**	7.1 KiB	

More details

Survived

Categorical

High correlation

Distinct	2
Distinct (%)	0.2%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

0	549
1	342
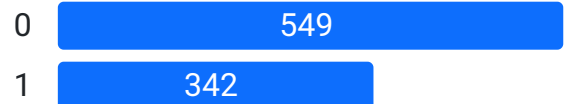
More details

Pclass

Categorical

High correlation

Distinct	3
Distinct (%)	0.3%

3	491
1	216

Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

2 184

Name

Text

Unique

Distinct	891
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

Sex

Categorical

High correlation

Distinct	2
Distinct (%)	0.2%

male 577

female 314
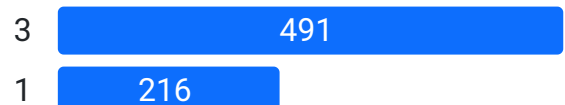
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

More details

Age

Real number (ℝ)

Distinct	88	**Minimum**	0.42	
Distinct (%)	9.9%	**Maximum**	80	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	29.361582	**Memory size**	7.1 KiB	
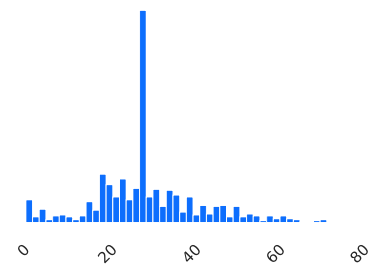
More details

SibSp

Real number (ℝ)

High correlation   Zeros

Distinct	7	**Minimum**	0	
Distinct (%)	0.8%	**Maximum**	8	
Missing	0	**Zeros**	608	
Missing (%)	0.0%	**Zeros (%)**	68.2%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	0.52300786	**Memory size**	7.1 KiB	

More details

Parch

Real number (ℝ)

High correlation   Zeros

Distinct	7	**Minimum**	0	
Distinct (%)	0.8%	**Maximum**	6	
Missing	0	**Zeros**	678	
Missing (%)	0.0%	**Zeros (%)**	76.1%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	0.38159371	**Memory size**	7.1 KiB	

More details

Ticket

Text

Distinct	681
Distinct (%)	76.4%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

More details

Fare

Real number (ℝ)

`High correlation` `Zeros`

Distinct	248	**Minimum**	0	
Distinct (%)	27.8%	**Maximum**	512.3292	
Missing	0	**Zeros**	15	
Missing (%)	0.0%	**Zeros (%)**	1.7%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	32.204208	**Memory size**	7.1 KiB	

More details

Embarked

Categorical

Distinct	3
Distinct (%)	0.3%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

S 646
C 168
Q 77
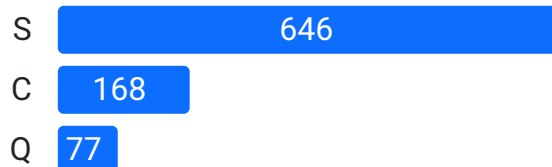
More details

Has_cabin

Categorical

High correlation

Distinct	2
Distinct (%)	0.2%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

0 687
1 204
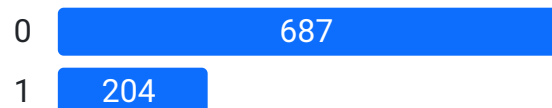
More details

FamilySize

Real number (ℝ)

High correlation

Distinct	9	**Minimum**	1	
Distinct (%)	1.0%	**Maximum**	11	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	1.9046016	**Memory size**	7.1 KiB	
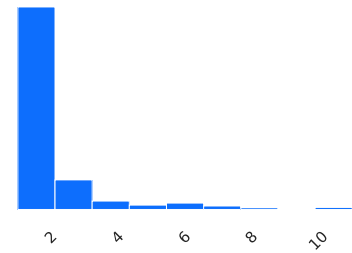
More details

IsAlone

Categorical

High correlation

Distinct	2
Distinct (%)	0.2%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

1	537
0	354

More details

Title

Categorical

High correlation

Distinct	5
Distinct (%)	0.6%

Mr	517
Miss	185
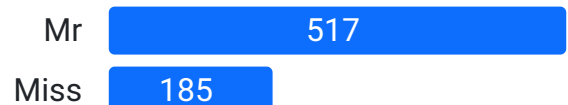
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

Mrs **126**
Master **40**
Rare **23**

More details

Interactions

PassengerId Age SibSp Parch Fare FamilySize
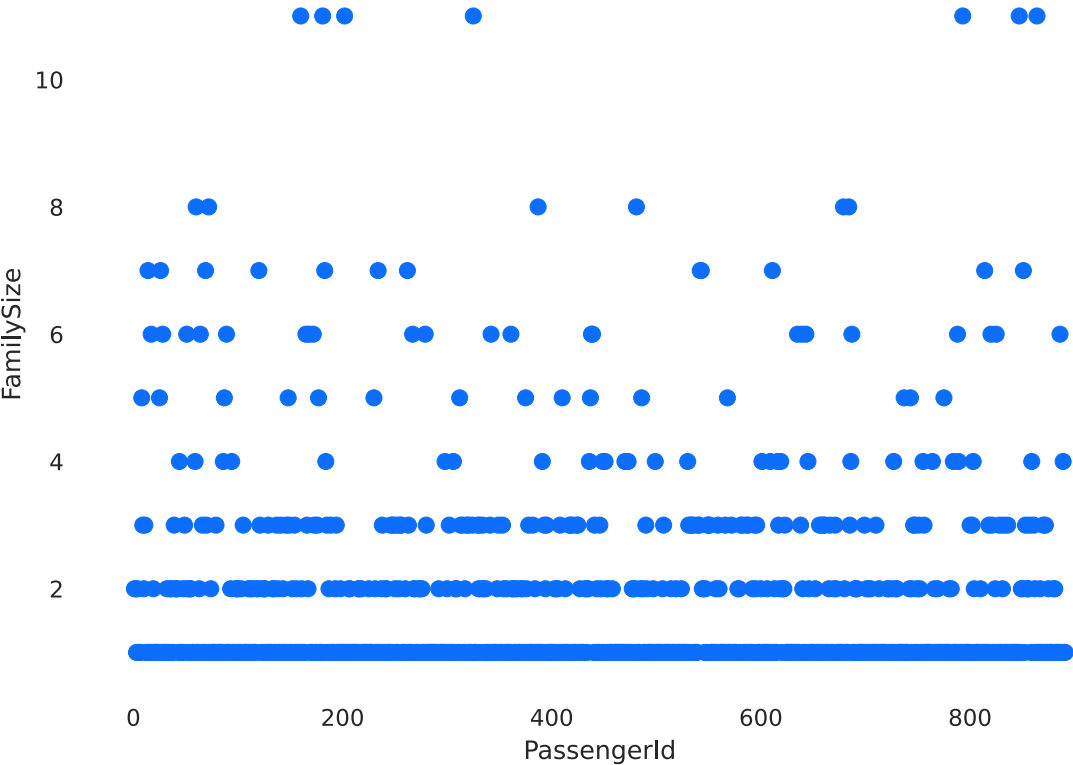
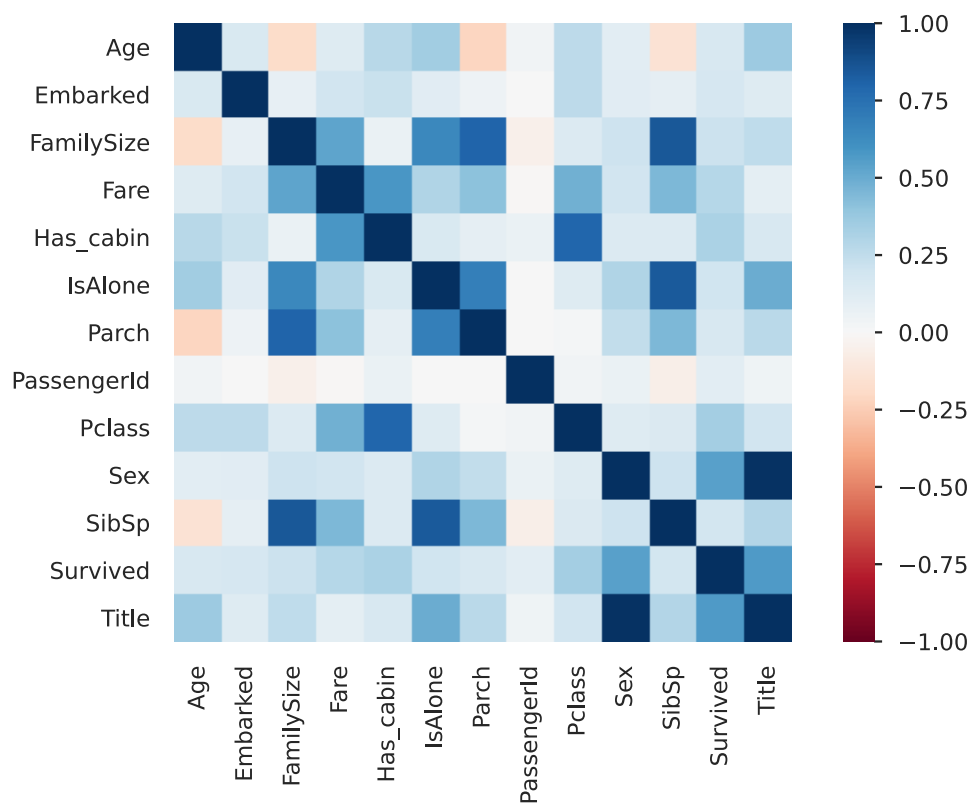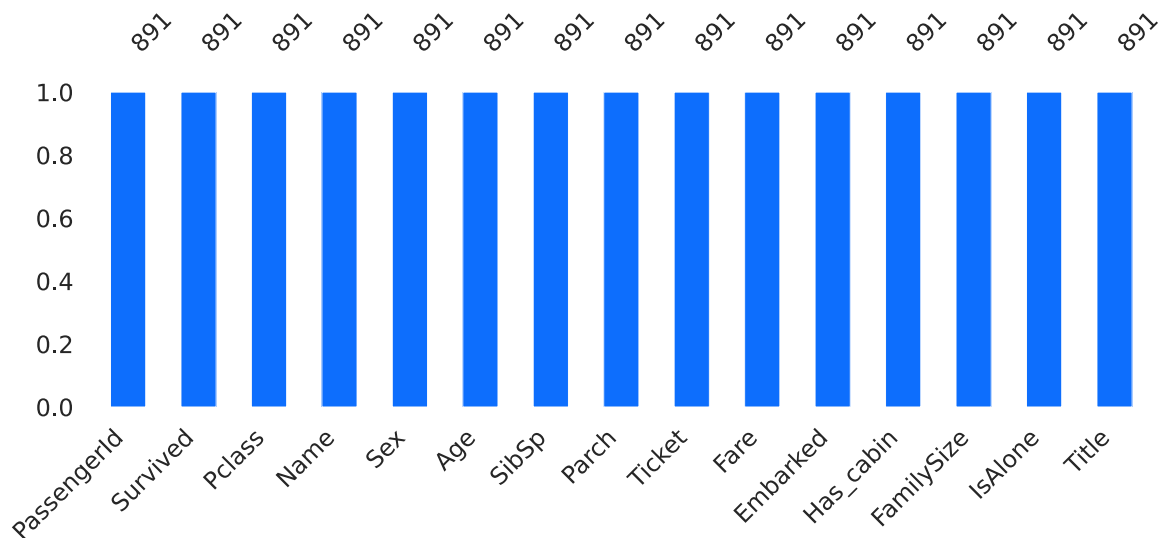FamilySize PassengerId Age SibSp Parch Fare

Correlations

Heatmap   Table

Missing values

Count   Matrix

A simple visualization of nullity by column.

Sample

	PassengerId	Survived	Pclass	Name
0	1	0	3	Braund, Mr. Owen Harris
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Thayer)
2	3	1	3	Heikkinen, Miss. Laina
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)
4	5	0	3	Allen, Mr. William Henry
5	6	0	3	Moran, Mr. James
6	7	0	1	McCarthy, Mr. Timothy J

	PassengerId	Survived	Pclass	Name
7	8	0	3	Palsson, Master. Gosta Leonard
8	9	1	3	Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)
9	10	1	2	Nasser, Mrs. Nicholas (Adele Achem)