

Survival on the Titanic Data Profile



Overview

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Overview

Alerts 16

Reproduction

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 (\mathbb{R})

Uniform

Unique

Distinct891

Distinct (%)100.0%

Missing0

Missing (%)0.0%

Infinite0

Infinite (%)0.0%

Mean446

Minimum1

Maximum891

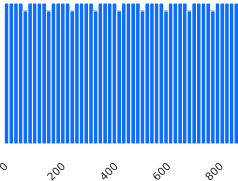
Zeros0

Zeros (%)0.0%

Negative0

Negative (%)0.0%

Memory size7.1 KiB



More details

Survived

Categorical

High correlation

Distinct2

Distinct (%)0.2%

Missing0

Missing (%)0.0%

Memory size7.1 KiB

0549

1342

More details

Pclass

Categorical

High correlation

Distinct3

3

491

More details

Unique

A word cloud of names, with 'MISS' and 'MR' being the most prominent words in the center. Other names include William, George, John, Henry, Frederick, Alexander, Samuel, Peter, Alfred, Mary, Joseph, Sophia, Florence, Victor, Albert, Maria, Elizabeth, Charles, Edward, Robert, and many others.

More details

High correlation

file:///C:/Users/dell1/OneDrive/Desktop/bootcamp/geek/21-DS-ML-AI-Project-Journey/1_Data_Storytelling_Analysing_Survival_on_the_Titanic/d... 3/13

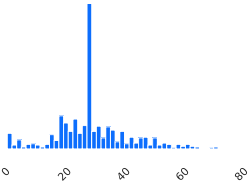
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

More details

Age

Real number (\mathbb{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

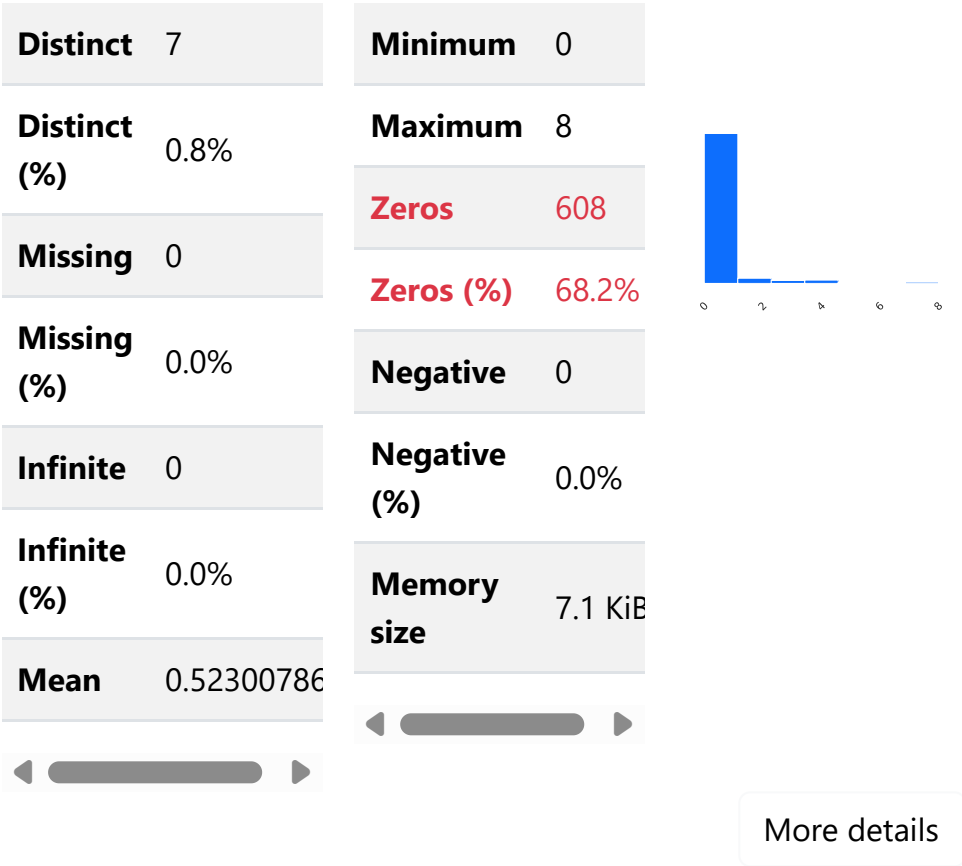


More details

SibSp

Real number (\mathbb{R})

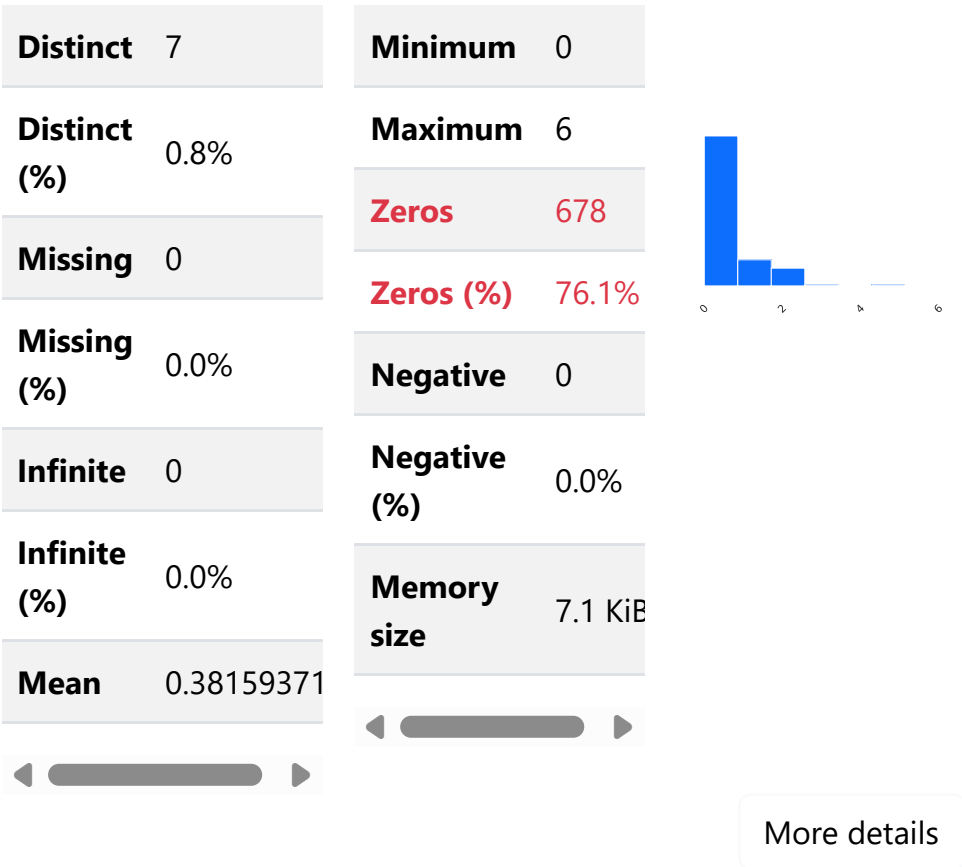
High correlation Zeros



Parch

Real number (\mathbb{R})

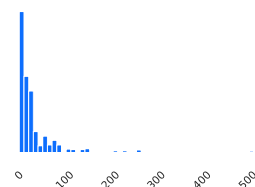
High correlation Zeros



Text

[illegible]Real number (\mathbb{R})

Distinct	248	Minimum	0
Distinct (%)	27.8%	Maximum	512.32
Missing	0	Zeros	15
Missing (%)	0.0%	Zeros (%)	1.7%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
		Memory size	7.1 KiB



Mean	32.204208
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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

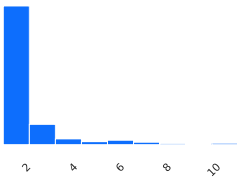
More details

FamilySize

Real number (\mathbb{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	1	537
Distinct (%)	0.2%	0	354
Missing	0		
Missing (%)	0.0%		
Memory size	7.1 KiB		

More details

Title

Categorical

High correlation

Distinct	5
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	7.1 KiB

Mr	517
Miss	185
Mrs	126
Master	40
Rare	23

More details

Interactions

PassengerId

Age

SibSp

Parch

Fare

FamilySize

FamilySize

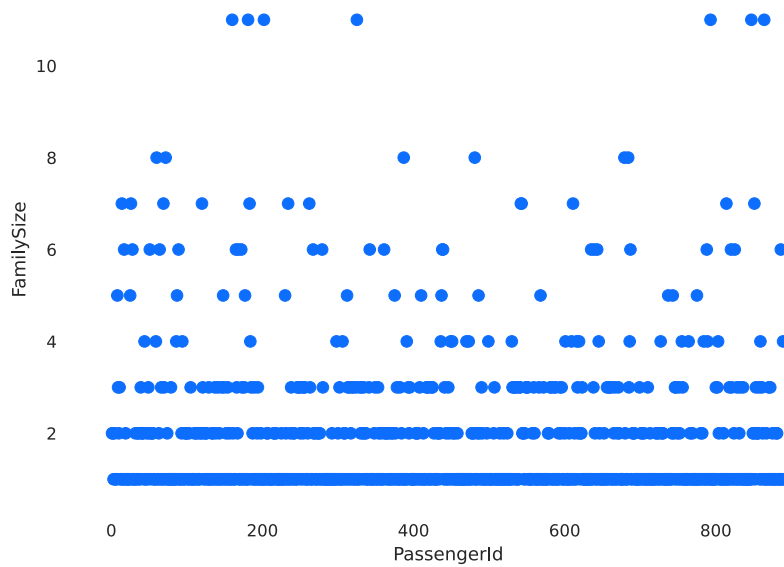
PassengerId

Age

SibSp

Parch

Fare

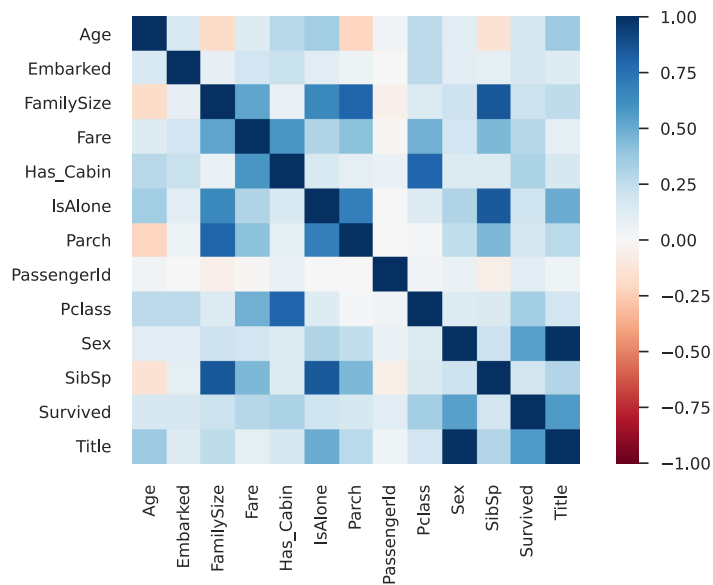


Correlations

Auto

Heatmap

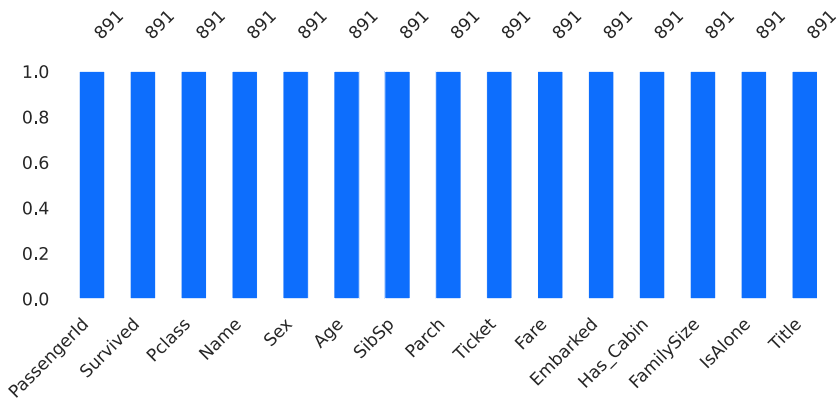
[Table](#)



Missing values

Count

Matrix



A simple visualization of nullity by column.

Sample

First rows

Last rows

	PassengerId	Survived	Pclass	
0	1	0	3	Braund, Mr. Owen Harris
1	2	1	1	Cumings, Mrs. John Bradley
2	3	1	3	Heikkinen, Miss. Laina
3	4	1	1	Futrelle, Mrs. Jacques Heath
4	5	0	3	Allen, Mr. William Henry
5	6	0	3	Moran, Mr. James
6	7	0	1	McCarthy, Mr. Timothy J
7	8	0	3	Palsson, Master. Gosta Leon

PassengerId		Survived	Pclass	
8	9	1	3	Johnson, Mrs. Oscar W (Elisa
9	10	1	2	Nasser, Mrs. Nicholas (Adele

Report generated by [YData](#).

