

Exploratory Data Analysis Report

1. Data Information

None

2. Statistical Description

	PassengerId	Survived	Pclass	Age	SibSp	Parch	Fare
count	891.000000	891.000000	891.000000	714.000000	891.000000	891.000000	891.000000
mean	446.000000	0.383838	2.308642	29.699118	0.523008	0.381594	32.204208
std	257.353842	0.486592	0.836071	14.526497	1.102743	0.806057	49.693429
min	1.000000	0.000000	1.000000	0.420000	0.000000	0.000000	0.000000
25%	223.500000	0.000000	2.000000	20.125000	0.000000	0.000000	7.910400
50%	446.000000	0.000000	3.000000	28.000000	0.000000	0.000000	14.454200
75%	668.500000	1.000000	3.000000	38.000000	1.000000	0.000000	31.000000
max	891.000000	1.000000	3.000000	80.000000	8.000000	6.000000	512.329200

3. Missing Values

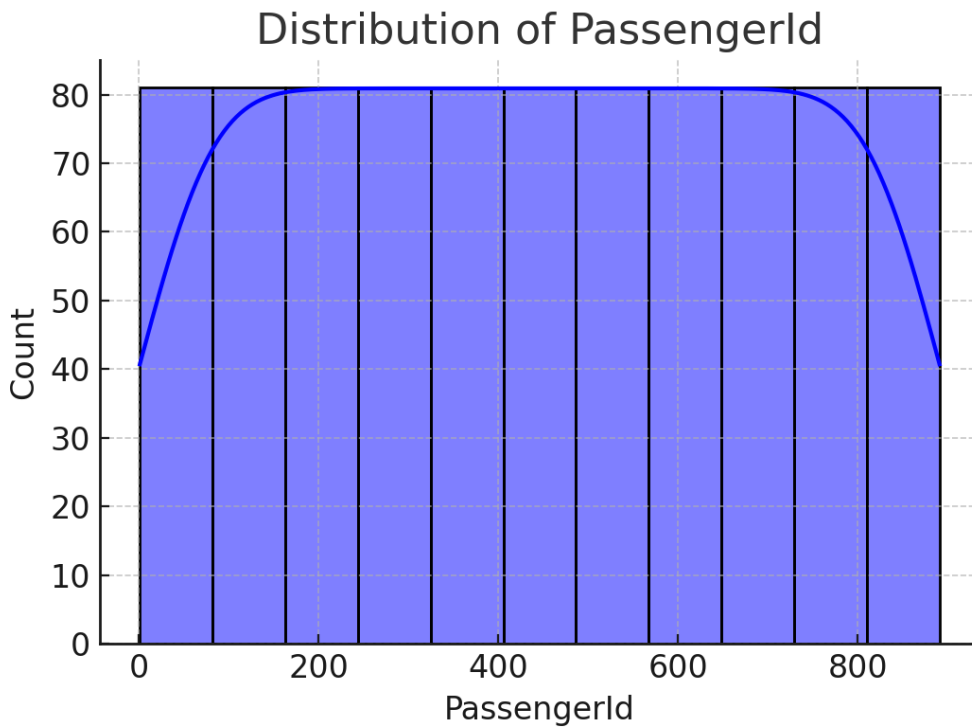
PassengerId	0
Survived	0
Pclass	0
Name	0
Sex	0
Age	177
SibSp	0
Parch	0

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Ticket 0
Fare 0
Cabin 687
Embarked 2

4. Univariate Analysis - Distributions

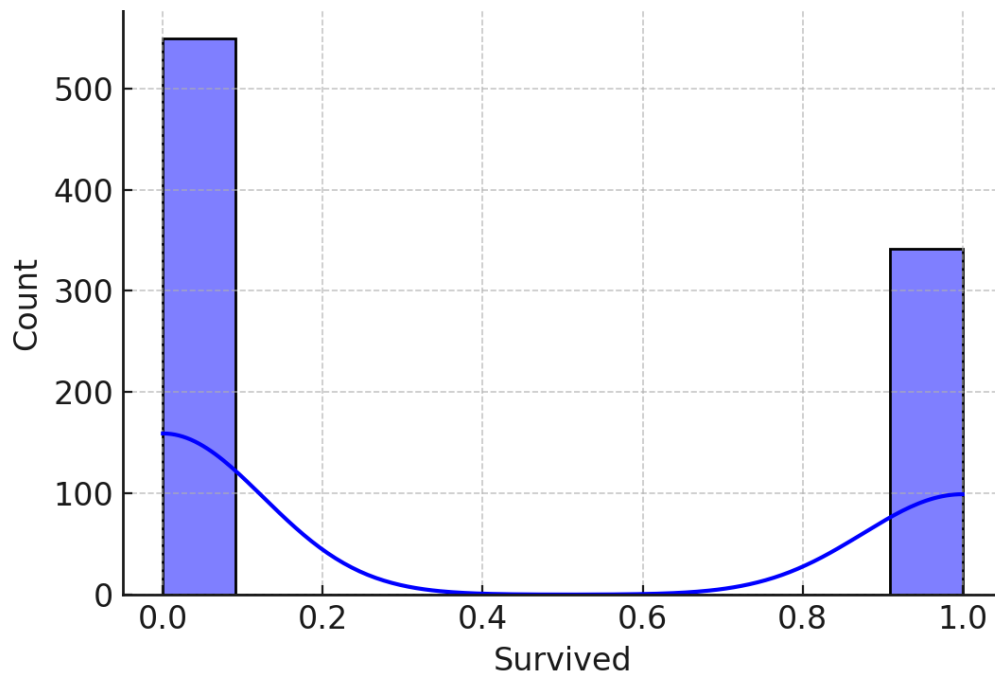
Distribution of PassengerId



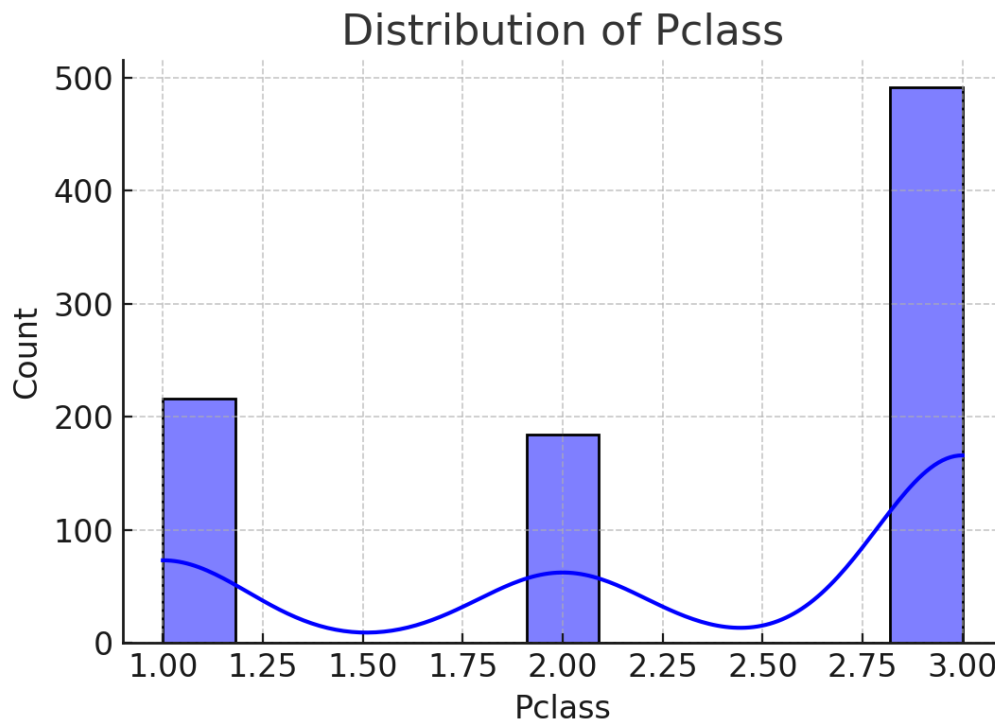
Distribution of Survived

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Distribution of Survived

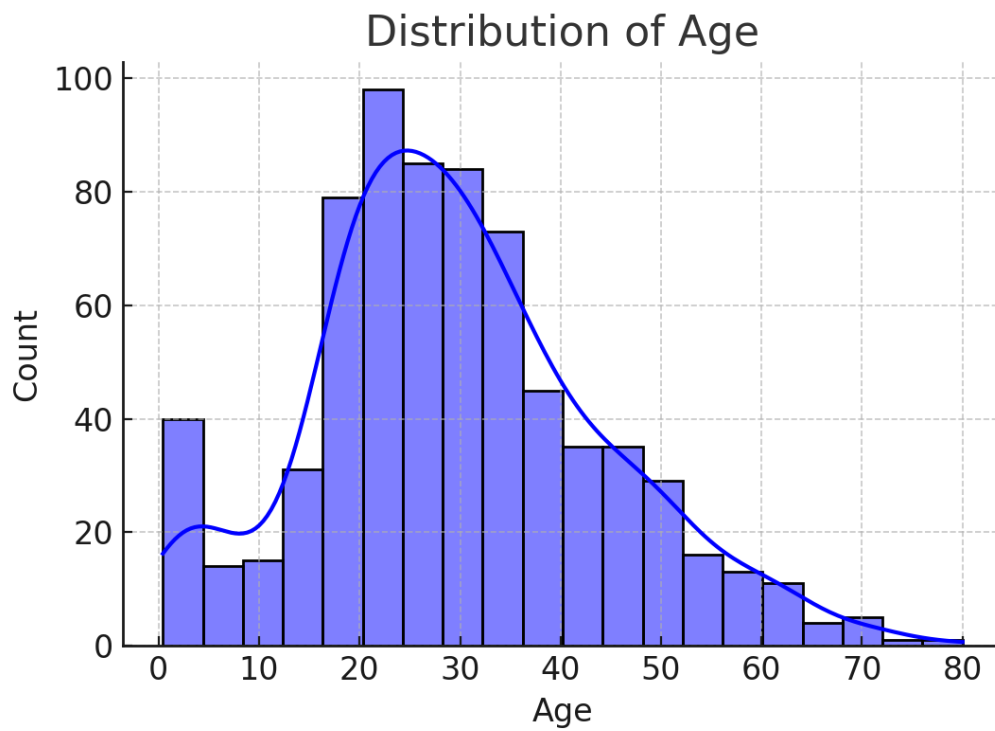


Distribution of Pclass

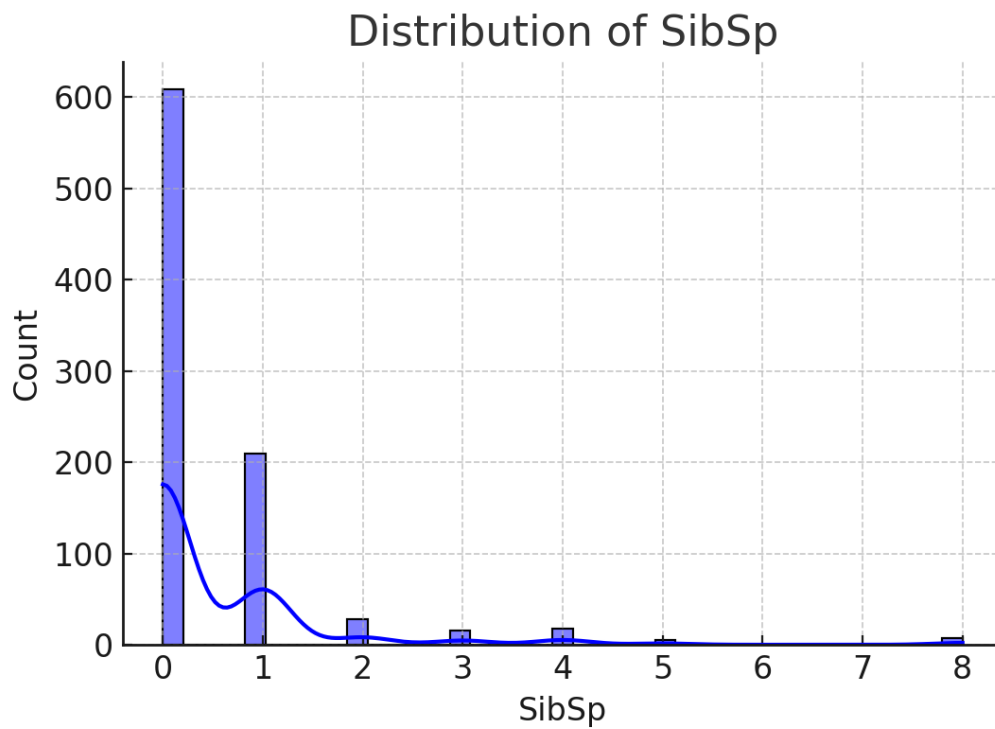


Distribution of Age

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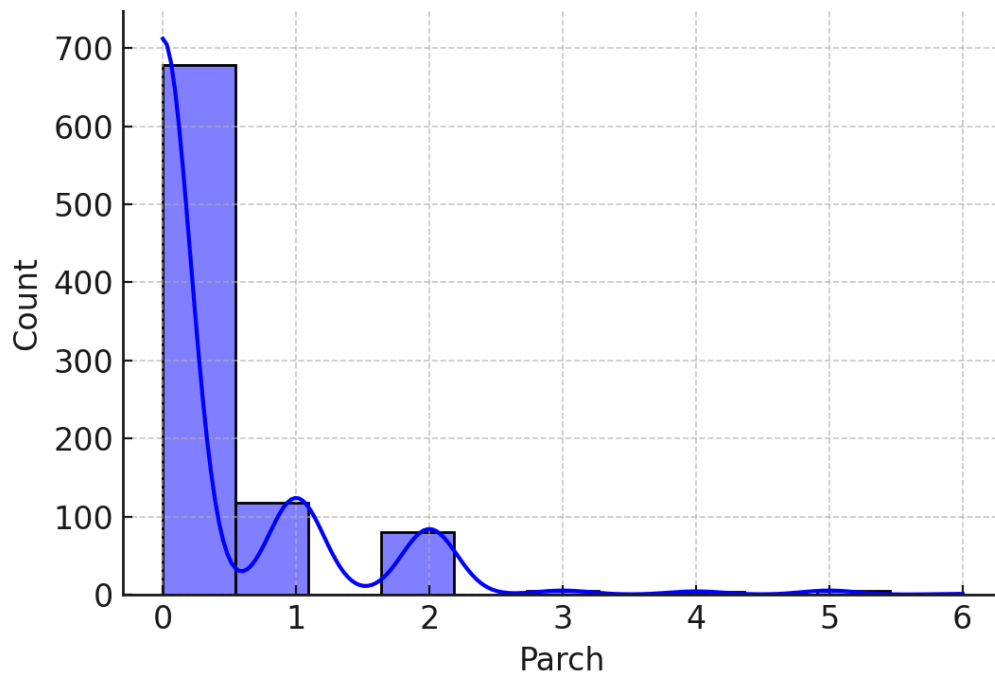
Distribution of SibSp



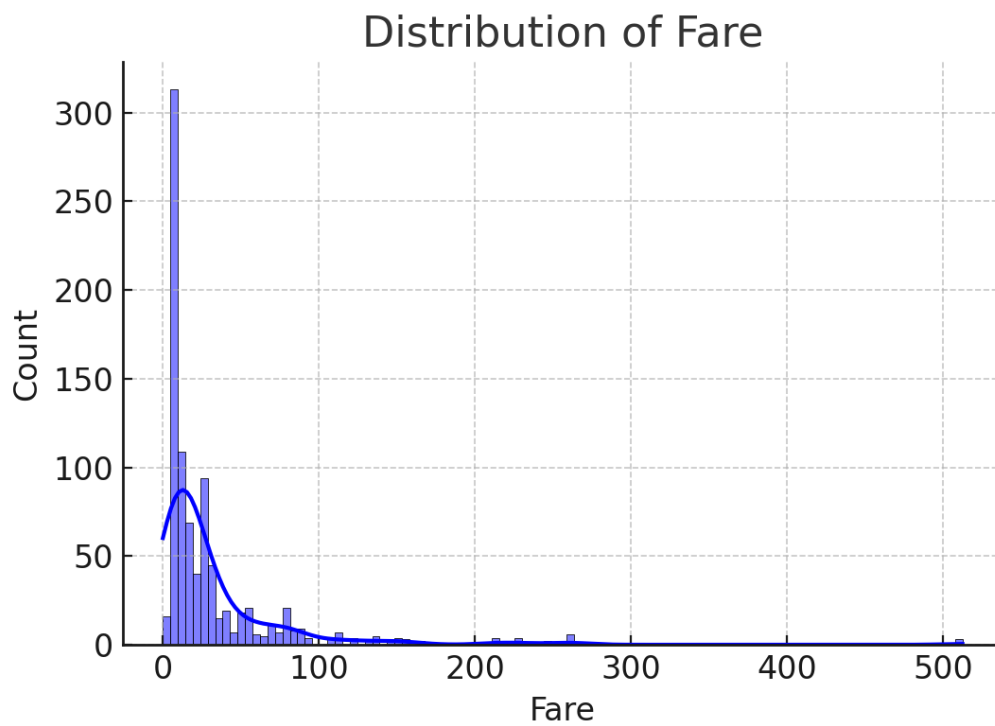
Distribution of Parch

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Distribution of Parch



Distribution of Fare



5. Correlation Heatmap

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