

DataScribe Analysis Report

Transform Your Data Into Insights

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Report Summary

This report provides a comprehensive analysis of your dataset including data quality assessment, statistical summaries, and AI-powered insights.

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Dataset Overview

Dataset Metric	Value	Description
Total Rows	891	Number of data records
Total Columns	12	Number of features/variables
Memory Usage	0.28 MB	Storage space required
Numerical Features	7	Continuous/numeric variables
Categorical Features	5	Text/category variables
Datetime Features	0	Date/time variables

Dataset Insights

- Compact dataset - consider data augmentation for complex models
- Balanced feature set for comprehensive analysis

Data Quality Assessment

Quality Metric	Value	Status
Overall Quality Score	83.8%	Excellent
Missing Values	866	■
Duplicate Rows	0	✓
Constant Columns	0	✓

Quality Insights

- Your dataset has excellent data quality!
- Consider handling 866 missing values

Statistical Summary

Column	Count	Mean	Std	Min	25%	50%	75%	Max
numerical	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
categorical	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Summary Statistics

- Total numerical columns analyzed: 2
- Data points per column: N/A

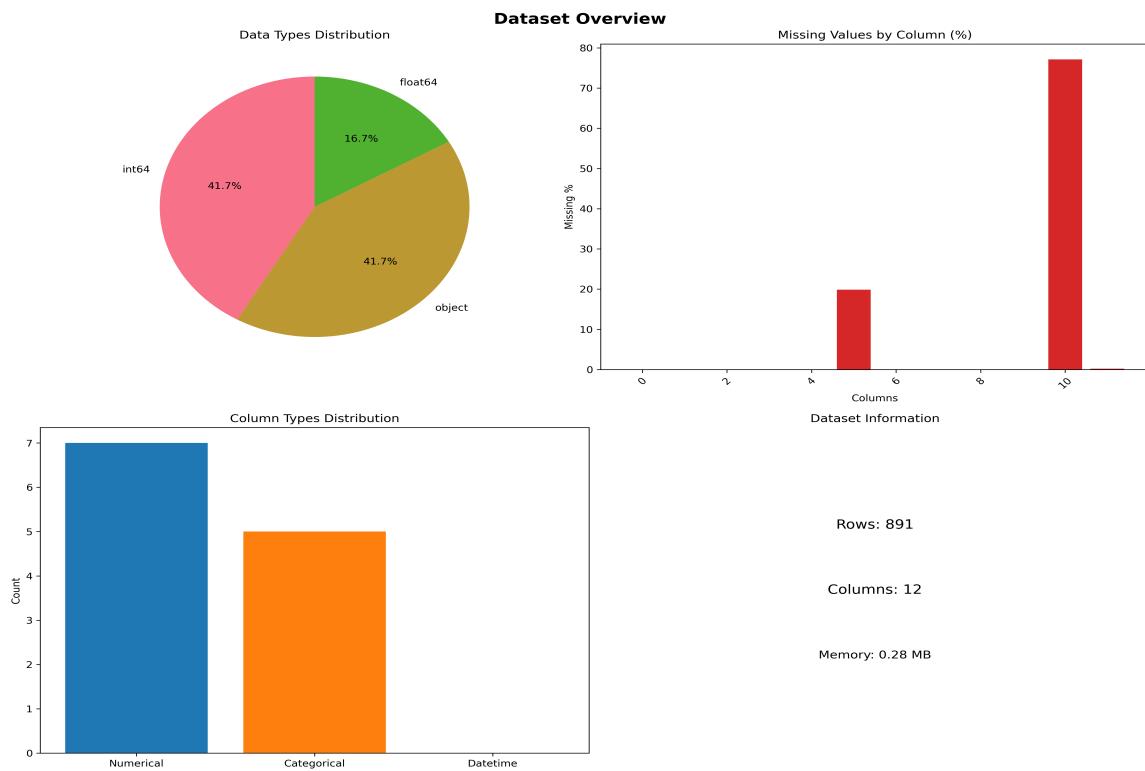
Visualizations

Generated Visualizations

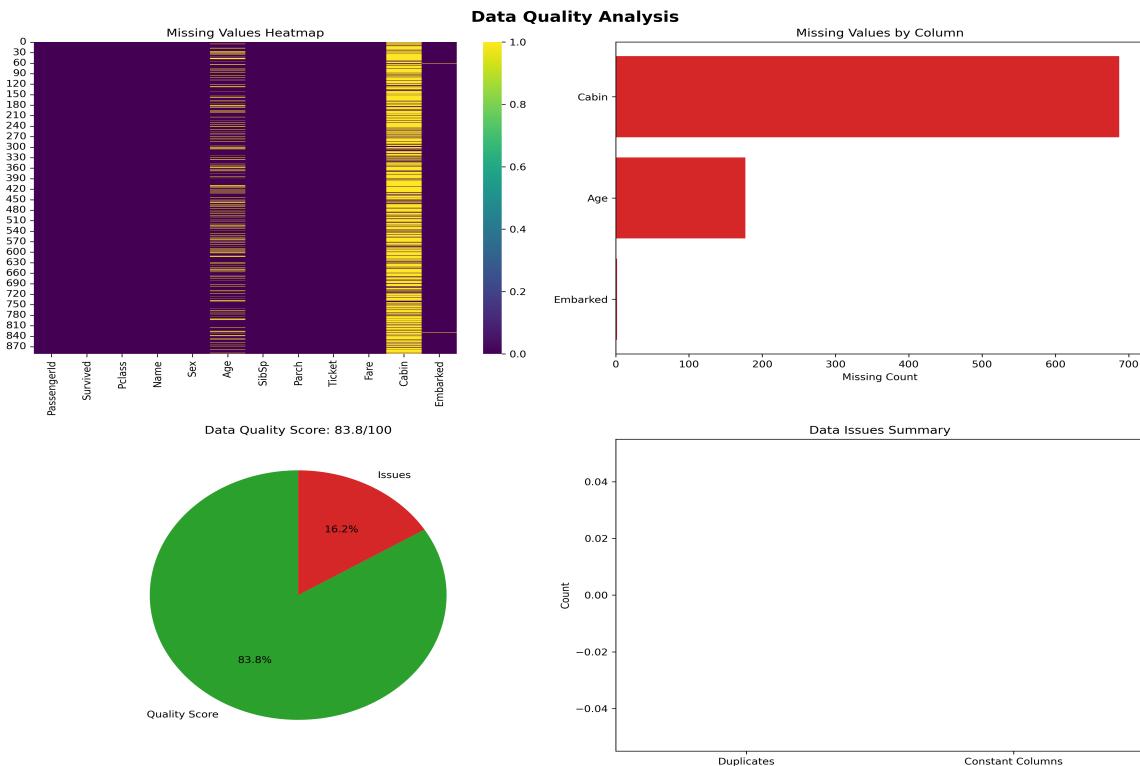
1. Overview
2. Data Quality
3. Univariate
4. Bivariate
5. Multivariate
6. Target Analysis

Below are the detailed visualizations for each analysis type:

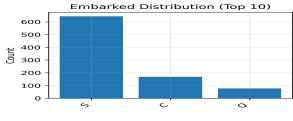
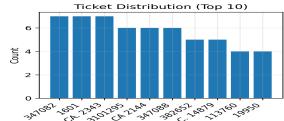
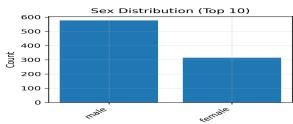
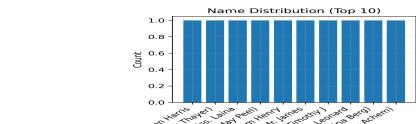
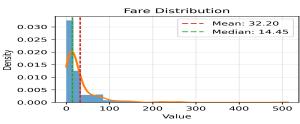
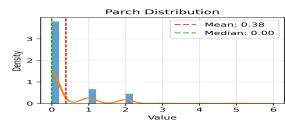
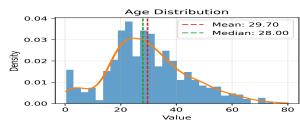
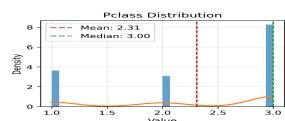
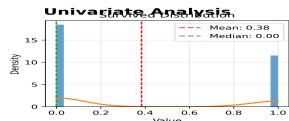
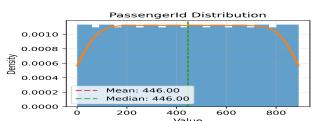
Overview



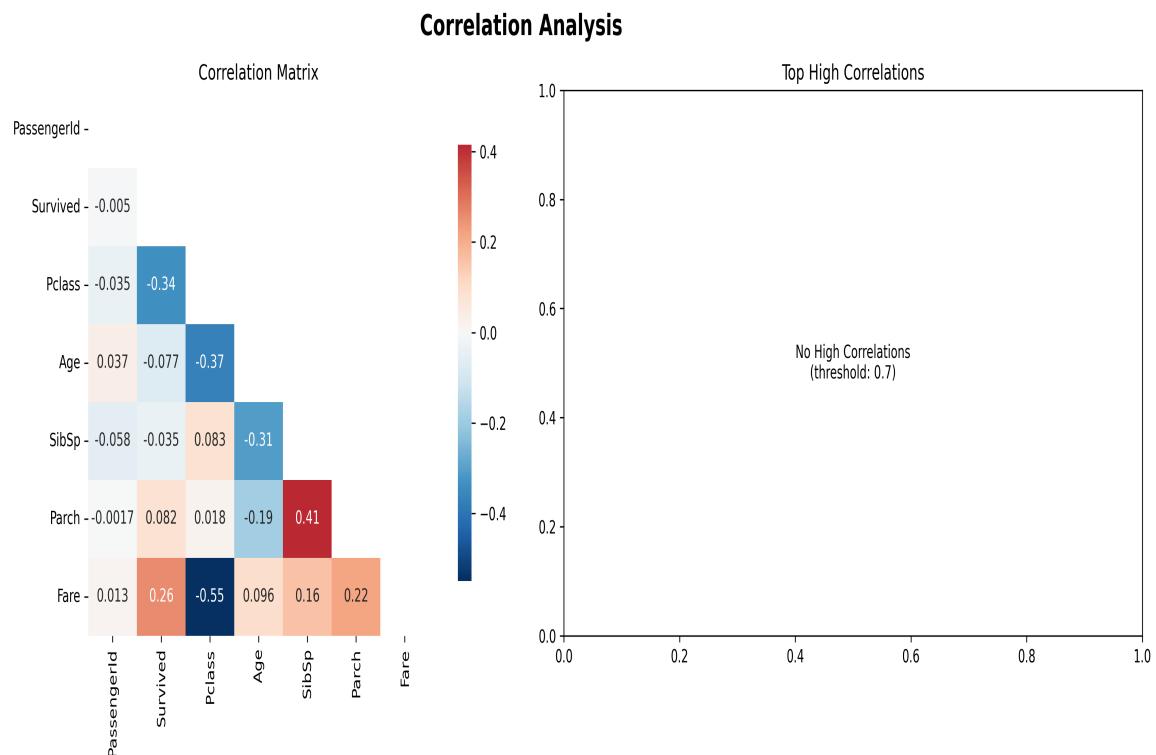
Data Quality



Univariate

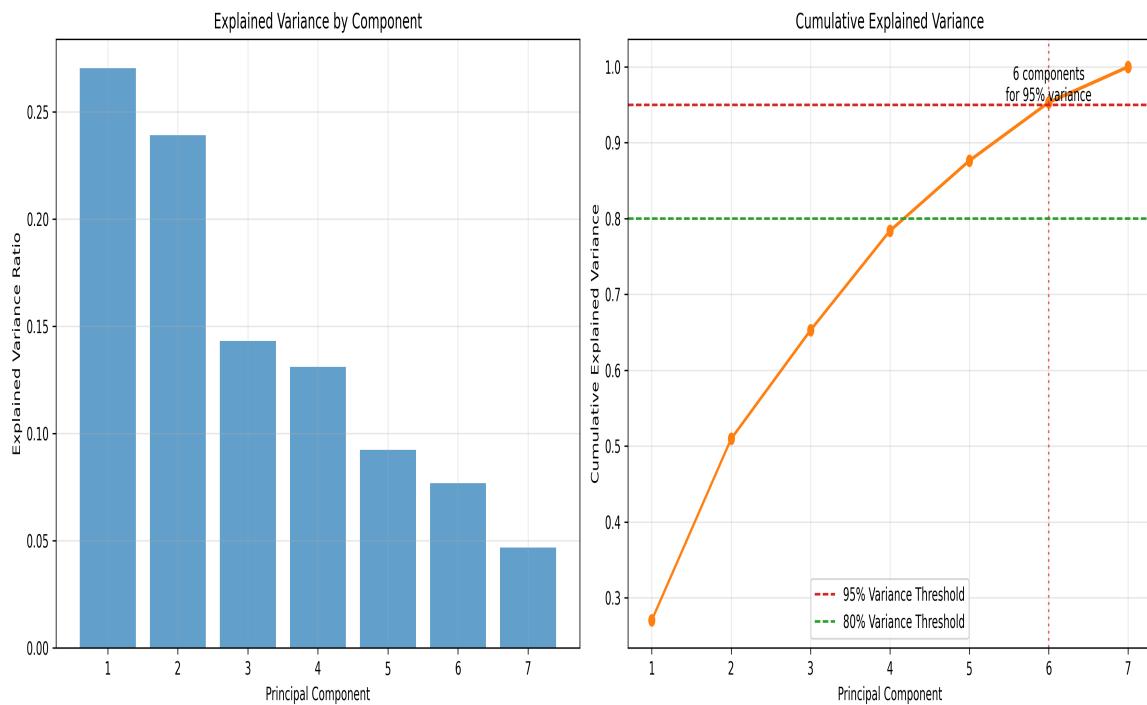


Bivariate



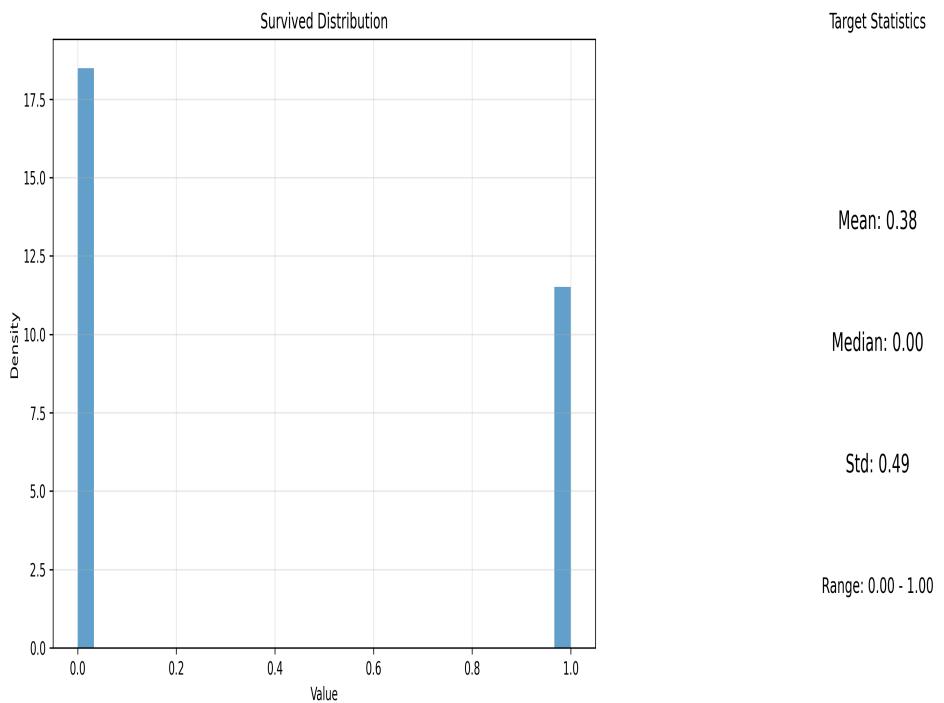
Multivariate

Principal Component Analysis



Target Analysis

Target Variable Analysis: Survived



AI Insights & Recommendations

Data Quality Insights

1. Dataset has 866 missing values that need attention

Feature Insights

1. Dataset has 7 numerical features for analysis
2. Dataset has 5 categorical features for encoding