

# ■ DataScribe Analysis Report

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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

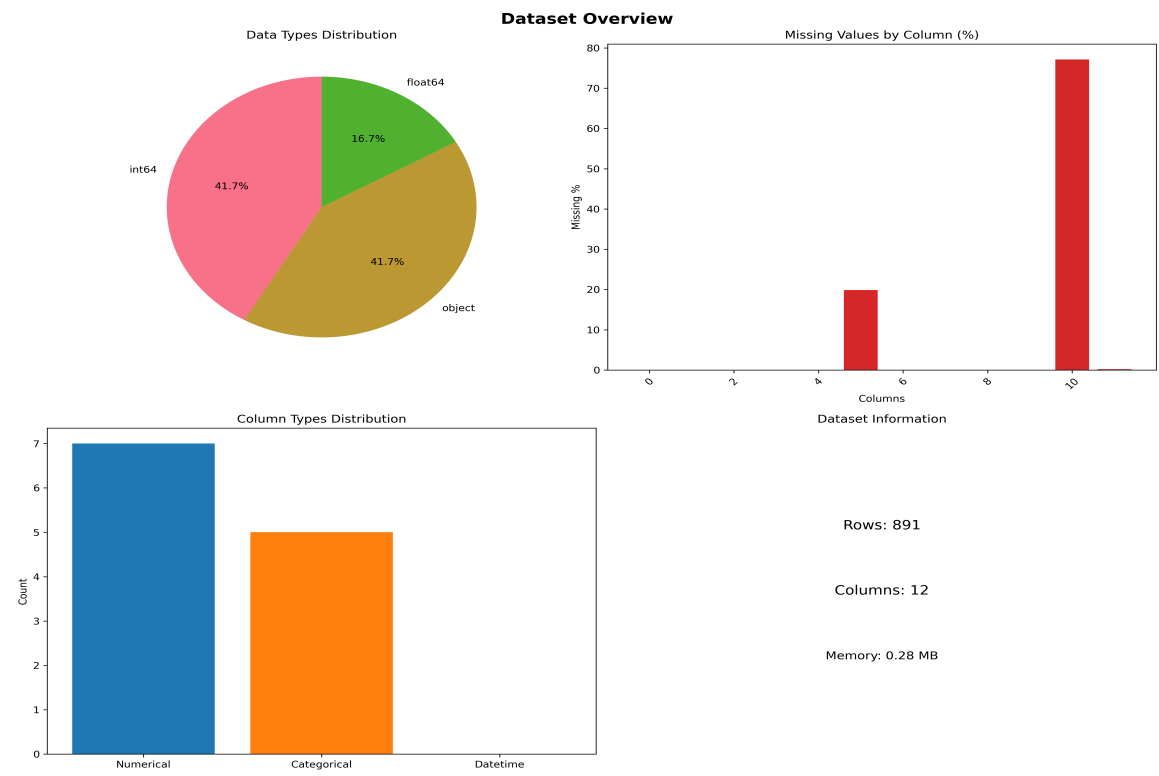
- Total numerical columns analyzed: 2
- Data points per column: N/A

# Visualizations

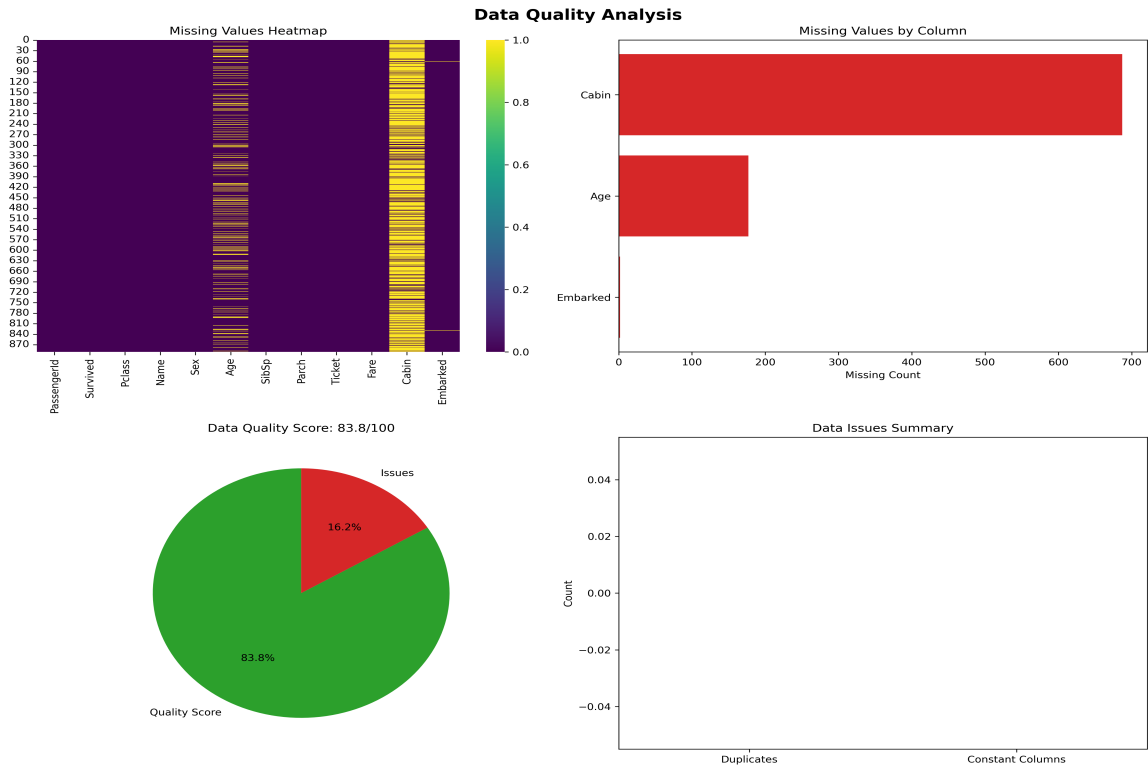
## Generated Visualizations

- Overview, Data Quality, Univariate, Bivariate, Multivariate, Target Analysis

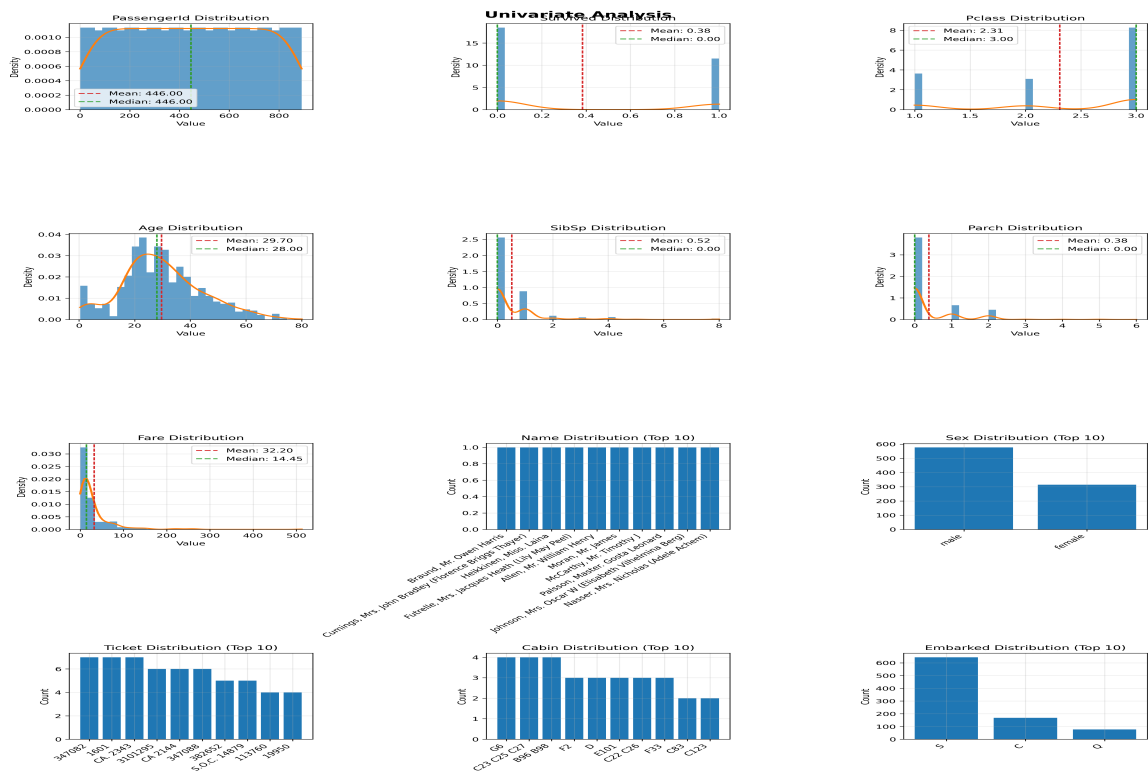
### Overview



### Data Quality

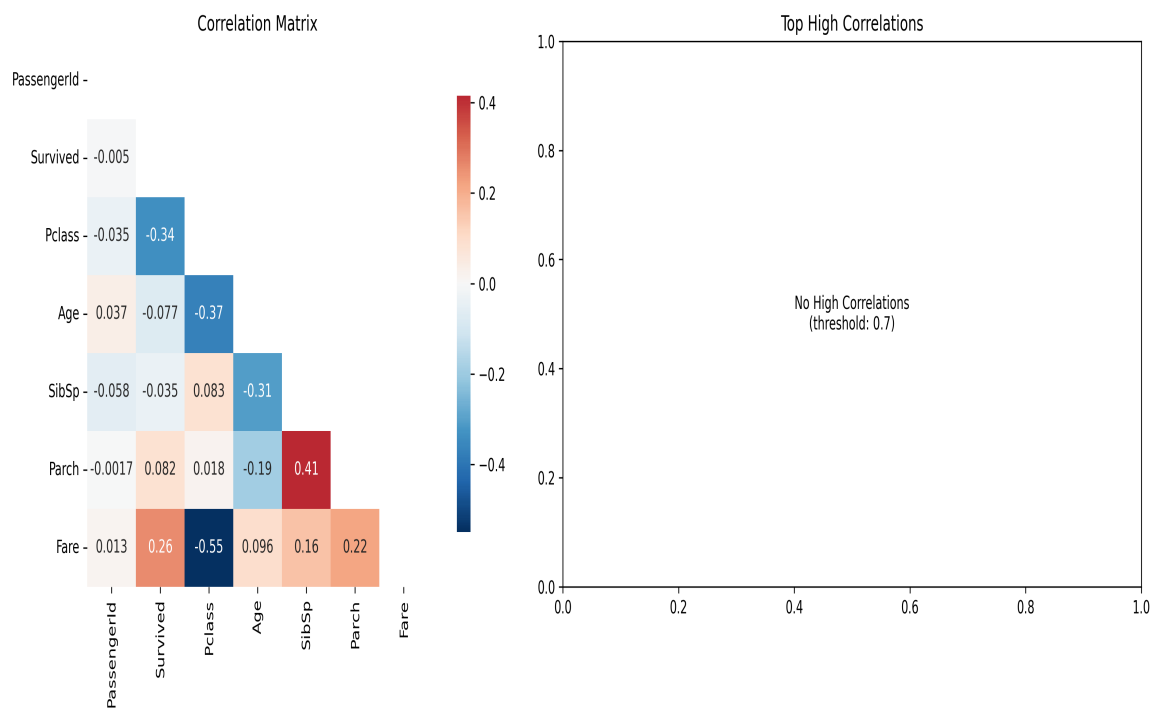


## Univariate



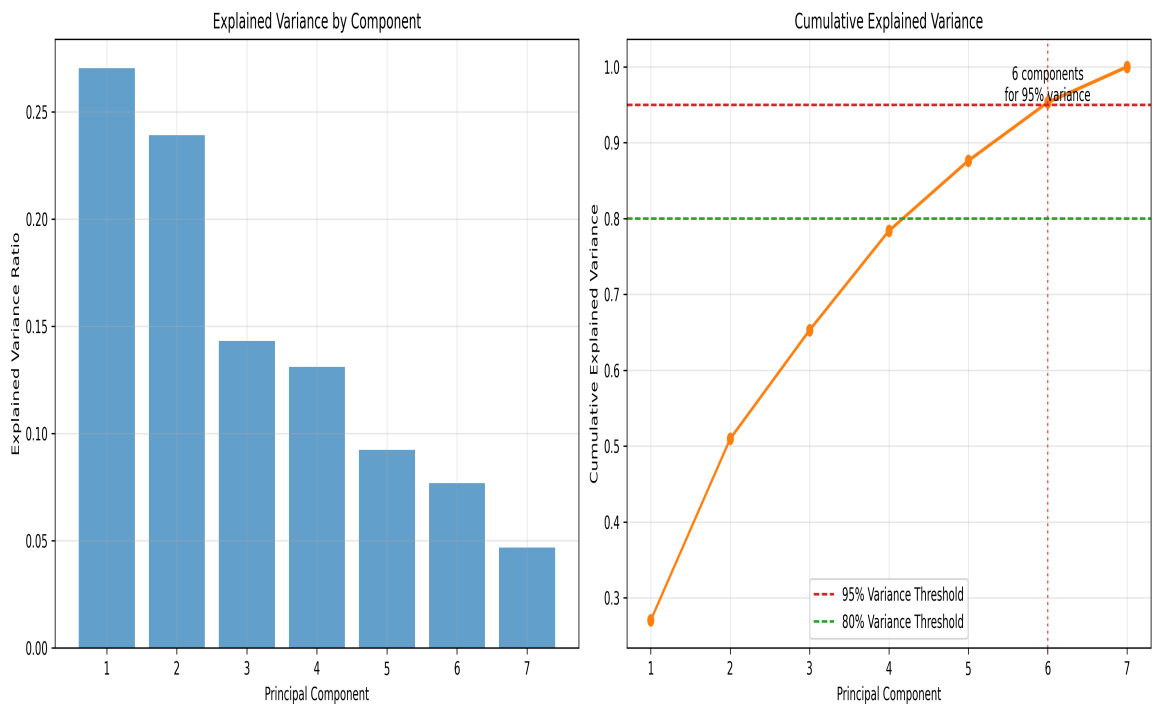
## Bivariate

Correlation Analysis

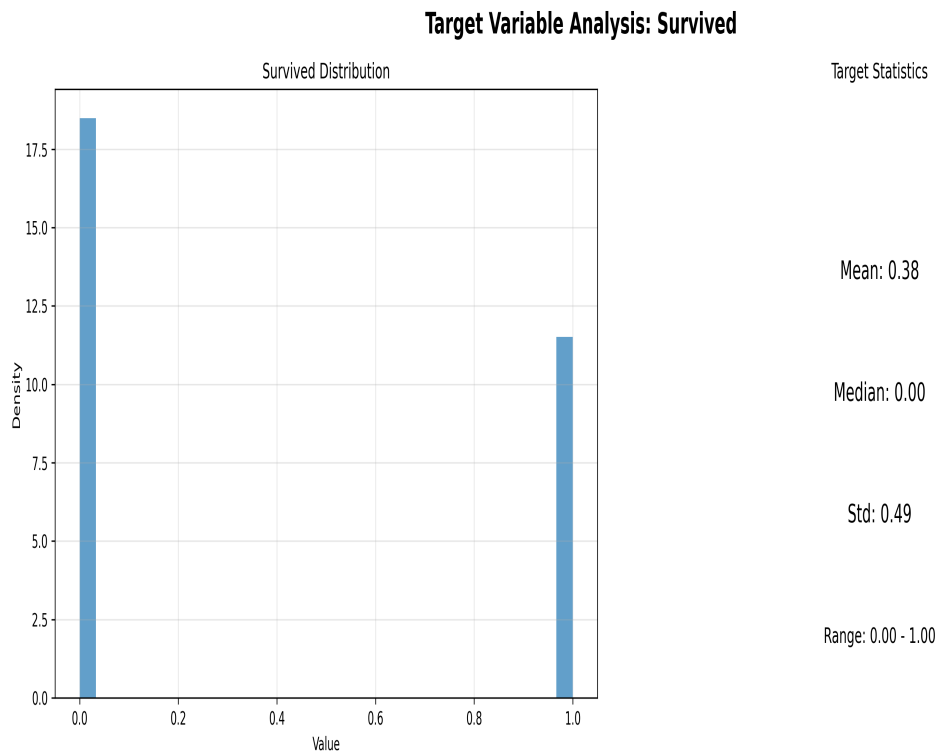


Multivariate

Principal Component Analysis



Target Analysis



## ■ 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