

A decorative graphic on the left side of the slide, consisting of white lines and circles on a blue gradient background, resembling a circuit board or data flow diagram.

TITANIC DATASET ANALYSIS

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DATASET OVERVIEW

- **Dataset:**
Titanic Dataset (Kaggle)
- **Key Attributes:**
 - PassengerID
 - Survived
 - Pclass
 - Name
 - Sex
 - Age
 - SibSp
 - Parch
 - Ticket
 - Fare
 - Cabin
 - Embarked

INTRODUCTION

1. Title and Introduction

Titanic Dataset - Exploratory Data Analysis (EDA)

This analysis explores the Titanic dataset to understand factors affecting passenger survival using visualizations and statistical methods.

STEPS

1. Code Sections with Outputs
2. Load dataset
3. Describe and clean data
4. Univariate, bivariate, and multivariate analysis
5. Correlation heatmap

FINDINGS

1. Female passengers had significantly higher survival rates.
2. First-class passengers had higher chances of survival.
3. Age and Fare had skewed distributions.
4. Positive correlation observed between Fare and Survival.
5. Family size variables showed mild correlation with survival.

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THANK YOU