

A Study in Disaster

The Titanic Survivors

MAUVE SUSHI

Skidmore College

Introduction

Motivation and Purpose and the data itself ...

1. Data Exploration

1.1 Summary

The dataset contains 130

1.2 Variable Selection

1.3 Data Preparation

1.4 Correlation Investigation

2. Methodology

2.1 Backward Selection

AN

2.2 Logistic Regression

AN

2.3 Homser-Lemeshow goodness-of-fit test

3. Model

3.1 Model obtained using backward selection

3.2 The Final Models

4. Conclusion

4.1 Findings

4.2 Further Study

Bibliography