Airline Delay Analysis

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1 Abstract

2 Introduction

3 Data

The dataset comprises Integer, Categorical, and Binary data types, reflecting various essential information crucial for... (). Figure **??** is a brief description of some of the important features of the dataset.

4 Methodology

4.1 Data Pre-processing and Analysis

Data pre-processing...

4.1.1 Null Value Handling

4.1.2 Outlier Treatment

4.1.3 Feature Engineering

4.1.4 Feature Selection

Correlation Heatmap:

Multicollinearity:

Redundant Feature Removal: .

4.2   Modeling Techniques

5   Results and Inferences

5.1   Metrics

6   Critique of the Model

7   Conclusion

8 References and Appendices

References

8.1 Appendices