RANKING APPLICATIONS FOR NURSERY SCHOOLS CLASSIFICATION PROBLEM

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Abstract

Nursery Database was derived from a hierarchical decision model originally developed to rank applications for nursery schools

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Introduction

Background

Objective and Hypothesis

Assessment of Situation

Plan

Data understanding

Preparation

Cleaning

Feature engineering

Modeling

Splitting the dataset into train and test

Decision Tree - Iteration 1

Decision Tree model fit.

Decision Tree model evaluation.

Random Forest - Iteration 2

Random Forest model fit.

Random Forest model evaluation.

Random Forest - Iteration 3

Random Forest model fit.

Random Forest model evaluation.

Dicsussion

Conclusion

References