Modeling Passenger Baggage Preferences in Air Travel

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The following machine learning project focuses on...

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Introduction

- Overview and Motivation
- Related Work
- Research questions

Data

- Sources
- Description

- Wrangling/cleaning
- Spotting mistakes and missing data (could be part of EDA too)
- Listing anomalies and outliers (could be part of EDA too)

```
# Example of a code block
```

Exploratory data analysis

- Mapping out the underlying structure
- Identifying the most important variables
- Univariate visualizations
- Multivariate visualizations
- Summary tables

Supervised learning

- Data splitting (if a training/test set split is enough for the global analysis, at least one CV or bootstrap must be used)
- Two or more models
- Two or more scores
- Tuning of one or more hyperparameters per model
- Interpretation of the model(s)

Unsupervised learning

- Clustering and/or dimension reduction

Conclusion

- Brief summary of the project
- Take home message
- Limitations
- Future work?