ECEN 758 Data Mining and Analysis Project

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# Introduction

## A summary description of the content of the report and your finding.

# Method

## Describe and outline any special implementation details

for your project.

## Data Preparation and Analysis

## Model Selection

## (a) Deep learning

## (b) Light GBM

# Experiments

## Description of what the Goal of each experiment is and findings.

## Model Building

## Developing and tuning selected model

## (a) Deep learning

## (b) Light GBM

## Model Evaluation

## evaluation metrics (accuracy, precision, recall, F1-score)

## qualitative analysis (confusion matrices)

# Conclusion

## Describe any conclusions or things you learned from the project and/ or future work.

## Business insight: Discussion of the practical implication of this work for a clothing company.

##### References