**COMP30027 Report**

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1. **Introduction**

Classification is a fundamental task in machine learning that includes categorising or classifying input occurrences. It is critical in a variety of real-world applications, including email spam filtering, credit risk assessment, and object identification. Based on a collection of labelled training data, classification algorithms attempt to build a mapping function that reliably predicts the class labels of unseen occurrences. The objective of this study is to assess the performance of prominent classification algorithms in order to select the classifier that most reliably predicts the labels of an unlabelled test dataset.

1. **Methodology**

Hi.

1. **Lol**
2. **Lmao**
3. **Bruh**