

# IMDB Sentiment Analysis

Group 11:

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## Abstract

This project was purposed to assess the performance

## Introduction

IMDB is frequently ...

## Related work

## Dataset and Setup

Let us test some math formula, " $X^3$ "

## Proposed approach

## Results

All our experiment results are stored as .json file, which will be submitted with the source codes and other documents. The performance ... are summerized in Table 1, and discussed as following:

1

Let us test some figure here:

2

Let us test some table here

## Discussion and Conclusion

This project indicated better results of ...

## Contribution Statement

All members brainstormed for .

- Marc Andre Rousseau:
- Robin Luo:
- Bide Xu:

All participated in whole progress and learnt through this project.

## References

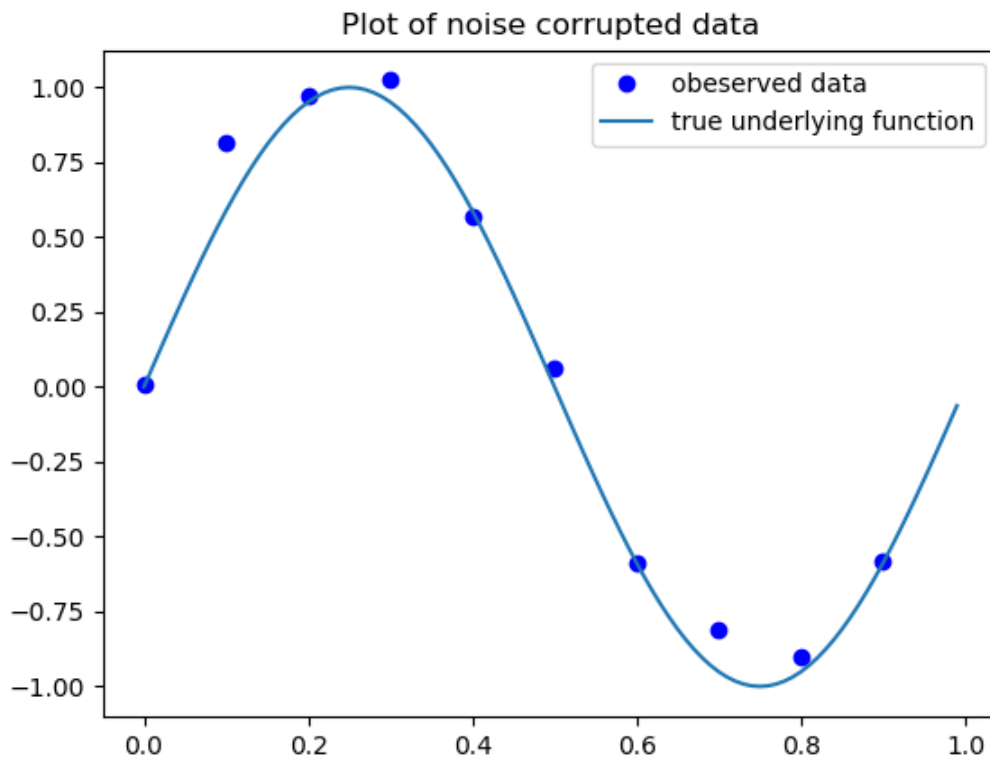


Figure 1: run time, accuracy performance comparsion ...

## References

Domingos, Pedro. 2012. "A few useful things to know about machine learning." *Communications of the ACM* 55 (10): 78–87.

## References

Feature(s) w.r.t Performance	MSE of Training Data	MSE of Validation Data	MSE of Testing Data	run time (in S)	pre-run time (in S) time for computing text/numeric features and generate related matrix
<b>Basic Model (3 numeric features)</b>	1.084683	1.020326	1.297531	0.027982	3.207755
<b>Model With:</b>					
<b>60 high frequency words</b>	1.059316	0.969286	1.298629	0.026985	88.564367

Table 1: Performance Evaluation For Varies Implemented Features and Their Combinations