Deep Learning and Natural Language Processing Project

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1   Abstract

In this report, we present a study on implementing a neural network model for the classification of fashion items using the Fashion MNIST dataset.
We compare the performance of the neural network approach with traditional machine learning algorithms such as Logistic Regression, and Multi-Layer Perceptron (MLP).
The report discusses the project methodology, experimental results, and conclusions drawn from the comparison.

2   Introduction

Your introduction text here.

3   Related work and required background

Your Related work and required background text here.

4   Previous Attempts

Your previous attempts description text here.

5   Project Description

Your project description text here.

6   Simulation Results

Your experiments/simulation results text here.

7 Code

Your code text here

8 Conclusion

Your conclusion text here.