

# Review for Deep Learning Project 1 - Group 04

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## 1 Summary of the Report

This report tried to predict crypto-currency using General Adversarial Network (GAN), Long Short-Term Models (LSTM) Dilated Convolutional Neural Network (DCNN) and Variational Autoencoder (VAE). The process has been discussed and comparisons have been made on prediction performances.

## 2 Strengths of the Report

- The architecture of Dilated CNN has been illustrated by graphs clearly, so that I can learn from a more direct way;
- Methods are clear explained by formulas together with examples.
- The report is well-organized.

## 3 Weaknesses of the Report

- I hope there could be a introduction of the whole report, so that readers can observe an overview of the report;
- An integration of prediction results is needed;
- It is not clear how you deal with the data, how the training and prediction works on the real dataset.

## 4 Clarity and Quality of Writing(1-5):4

The report is clearly written and well-organized, There are figures to illustrate the results. Formatting and References are well included. There are several suggestions:

- An introduction is needed to give an overview of the whole report, including the objective of the report, which seems unclear for me;

## 5 Technical Quality(1-5):4

The techniques used in this report is sound and well-explained. There seems no flaws in reasoning and claims are supported by experiment results. The results are convincing as several methods tried for the same objective (hope so?). The results have been discussed with examples. References are included in a good format. References are appropriate. Here are some suggestions:

- The data manipulation could be further explained so that readers can get the detailed process of the project;

## 6 Overall Rating(1-5):4

## 7 Confidence on the assessment(1-3):2