Types of Neural Networks in Python



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# Abstract

The technology of all kind plays a significant role in society and technology can be considered an important, almost essential part of modern life. The advancements that are made in the last few years are phenomenal. In this project, I will build three different types of Neural Networks using the High-level programming language Python. Neural Networks have gained popularity in recent years even though much of the theory is being evolved since the 1950s. Platforms such as TensorFlow and Keras are allowing many developers to divulge into Neural Networks. These are end-to-end open source platforms that allow for easier machine learning. A decade ago we thought that getting a computer to tell the distinction between one object and another would be almost unbelievable. Now we have trained Neural networks that can tell the difference with a precision of greater than 80 percent accuracy. Neural Networks have been around since the 1950s and has increased in popularity every year. The Project aims to compare the different types of neural networks which would provide a clear image of the differences and similarities between them. This project is a research project which would allow me to better comprehend the different types of neural networks. In the dissertation, I will be assessing the tasks of planning and developing, as well as design and implementation of all the components that make up my project. This project supports for further development and insertion of new components such as more types of neural networks. The proposed solution will be comprised of a command line application, which will give the user the ability to test the neural network and train the neural network. The project will also implement the crud functionalities and allow the user to login and save the user details.

# Introduction

# Links / Cite

[1]<https://www.techradar.com/news/what-is-a-neural-network>