# Deep Learning

## Overview

This folder includes resources and projects on deep learning techniques, including Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN).

## Content

- \*\*CNN/README.md\*\*: Introduction and examples of Convolutional Neural Networks.

- \*\*RNN/README.md\*\*: Introduction and examples of Recurrent Neural Networks.

## Purpose

To gain expertise in deep learning methods for advanced model development and handling complex data.

## References

- [TensorFlow Documentation](https://www.tensorflow.org/api\_docs)

- \*\*Book\*\*: Deep Learning by Ian Goodfellow, Yoshua Bengio, and Aaron Courville

## Usage

Utilize the examples and projects to build and train deep learning models using frameworks like TensorFlow or PyTorch.