# Introduction

## Iris.csv

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| **Dataset:** | |
| A screenshot of a computer  Description automatically generated with low confidence  Shape: 150 x 5  Samples: 50 samples for 3 classes  Classes: Iris-setosa, Iris-versicolor, Iris-virginica  Purpose: Identify class of iris flowers given petal information. | |
| **Comparative Work:**  <https://www.kaggle.com/code/louisong97/neural-network-approach-to-iris-dataset> | **Cycon Work:** |
| **Settings:** | |
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| **Results:** | |
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| **Any Additional Information:** | |
| Note: the site does not use random number to set the seed. As such the results may be slightly different. Additionally, the Cycon website does not have dropout layer installed yet. Still a close results should still occur. Note that we shuffled and used a random state, though NN models may still generate slightly different results.  Note: You can check if callbacks work by testing example with callbacks. For example, adding the early stopping and setting the patience to 5. Then set the epochs to run for 200 epochs. You will notice it stops training much sooner than 200 epochs. | |