# Introduction

This file serves as a basic introduction on how to read the documentations examples for each Machine Learning Algorithm provided on the Cycon website.

## Iris.csv

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| --- | --- |
| **Dataset: (This area provides a quick explanation of the csv dataset.)** | |
| A screenshot of a computer  Description automatically generated with low confidence  (Quick header of the csv)  Shape: 150 x 5 (Shape of the csv matrix)  Samples: 50 samples for 3 classes (Overview of the samples for each class)  Classes: Iris-setosa, Iris-versicolor, Iris-virginica (Class Names)  Purpose: Identify class of iris flowers given petal information. (Objective of the original project.)  (Below splits the results between the original work, and a rework using Cycon in order to show that comparison and that Cycon can achieve the exact or similar results.) | |
| **Comparative Work: (The left column is the original work.)**  **(Additionally, the website of the original work is provided.)**  <https://www.kaggle.com/code/skalskip/iris-data-visualization-and-knn-classification> | **Cycon Work: (The right column is replicating the original work with the Cycon website under the MLA/AI page.)** |
| **Settings:** | |
| (All settings are provided by taking a copy snip from the original work.) | (Any settings to replicate the original work using cycon is provided in this segment.)  (Note that the i icon is available to provide information about each setting if you hover over or click on it in the Cycon website.)    (Note that the csv was already downloaded and is usable.)    (The settings for the ML Algorithm is auto filled with the default. Any settings specified in the original work will need to be altered this the n\_neighbors in the sample above.)    (Note that split and the input value correspond to the train\_test\_split function and the test\_size.) |
| **Results:** | |
| A picture containing font, text, typography, design  Description automatically generated | A picture containing text, screenshot, diagram, colorfulness  Description automatically generated |
| **Any Additional Information:** | |
| Note that shuffle is required as the dataset is in an ordered format according to the class.  (This area is for any additional information as to way the results are different or any additional settings that are required.) | |