NAMA : ILPAN

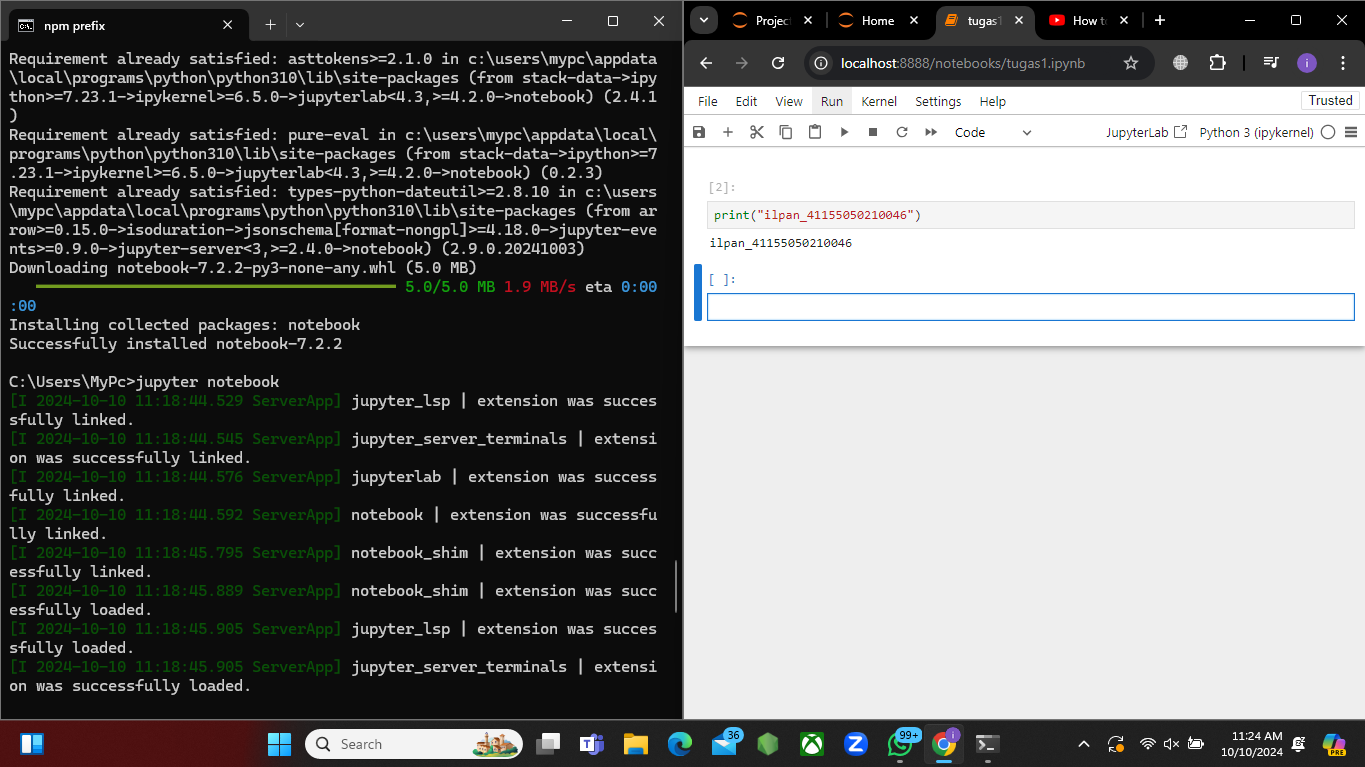
NPM : 41155050210046

KELAS : A-2

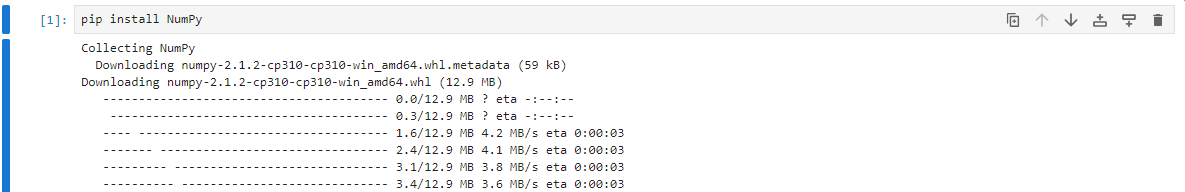
MATA KULIAH : MACHINE LEARNING

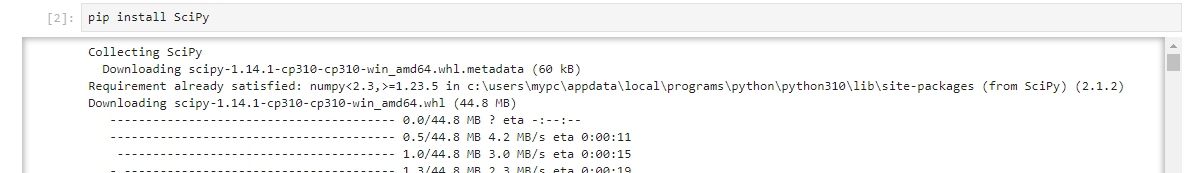
Tugas

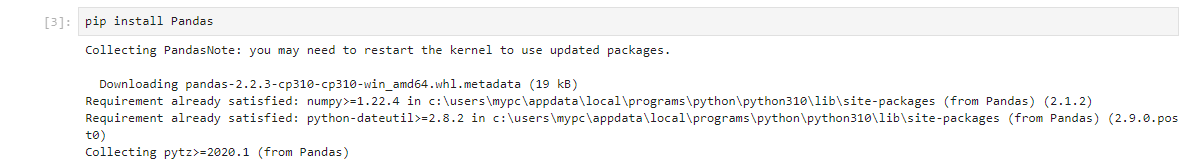
1.

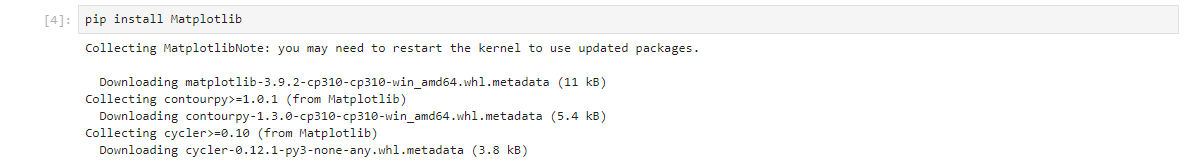
Instalasi Jupyter

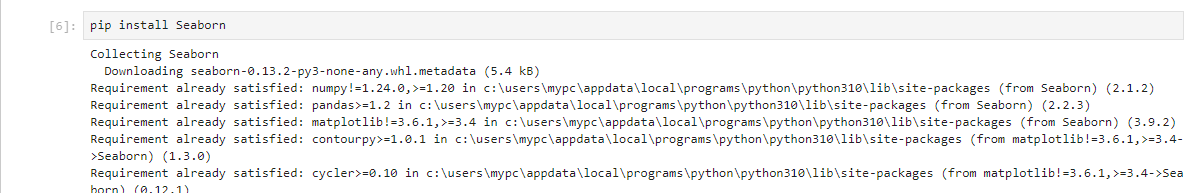
Liblary

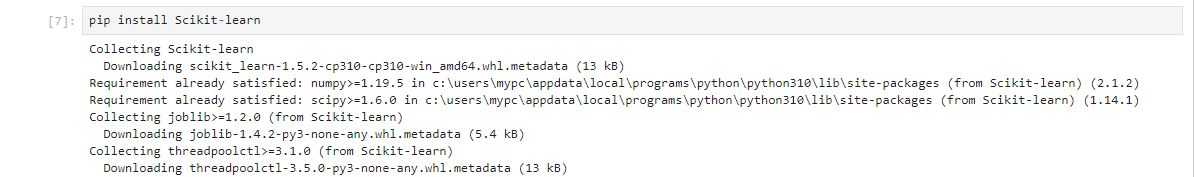
NumPy

SciPy

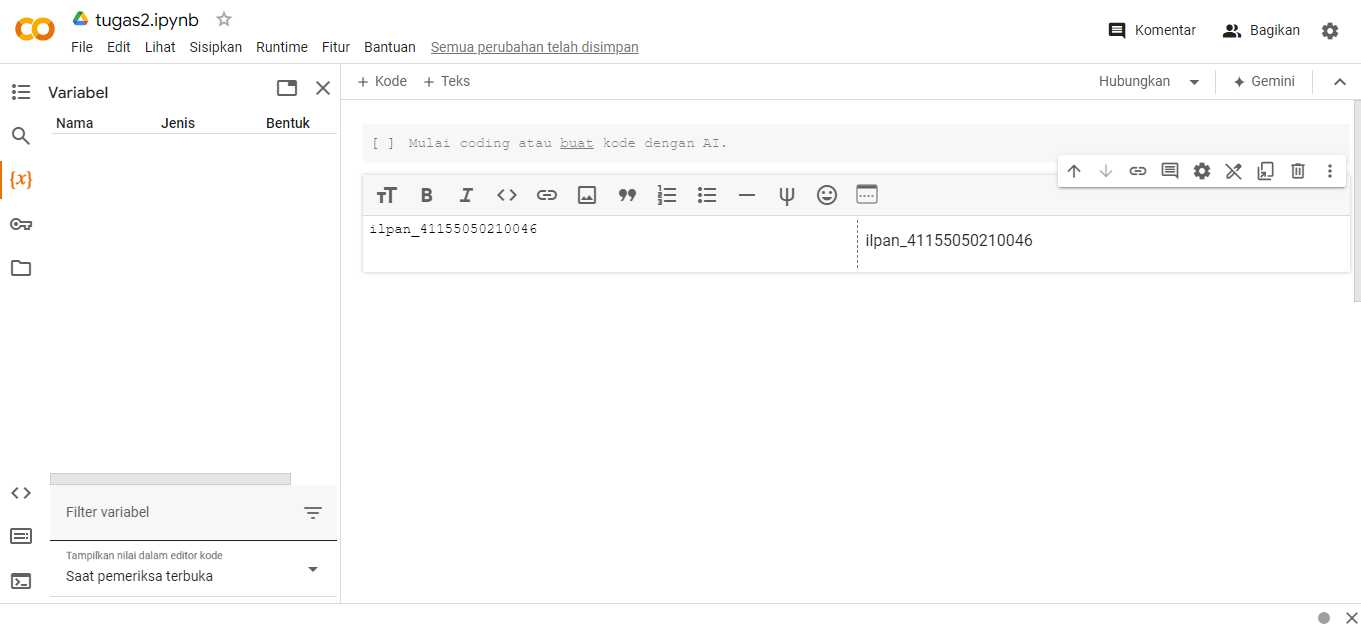
Pandas

Matplotlib

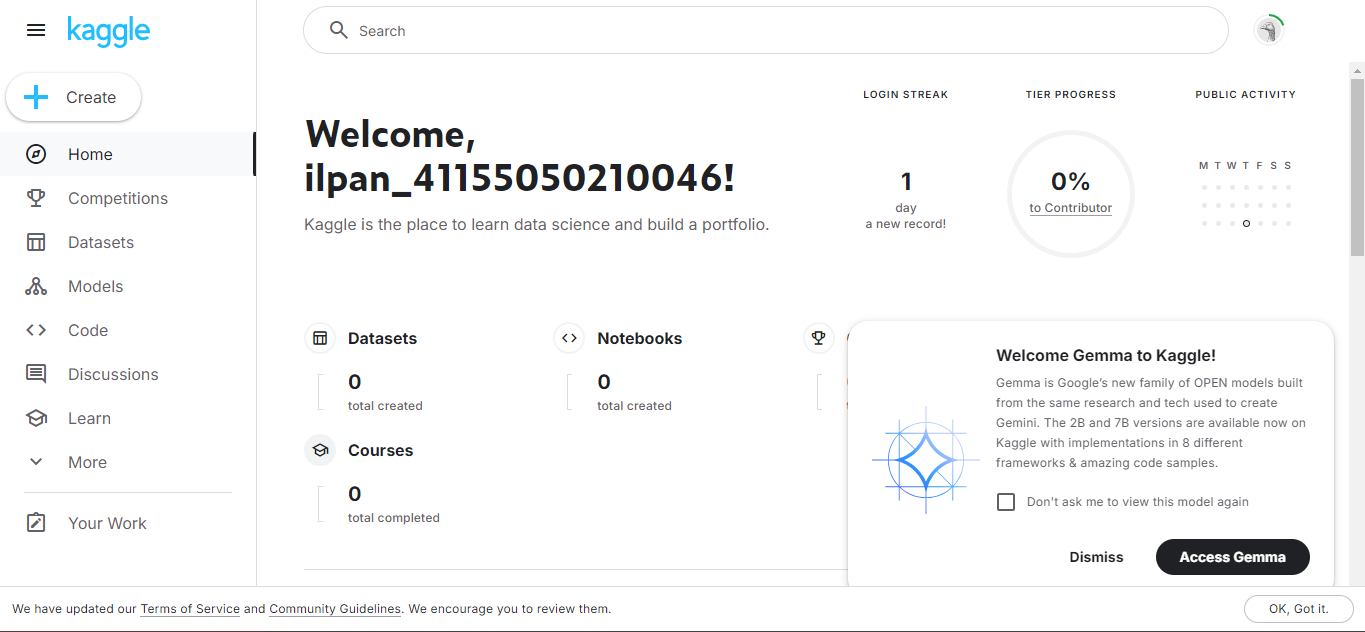
Seaborn

Scikit -learn

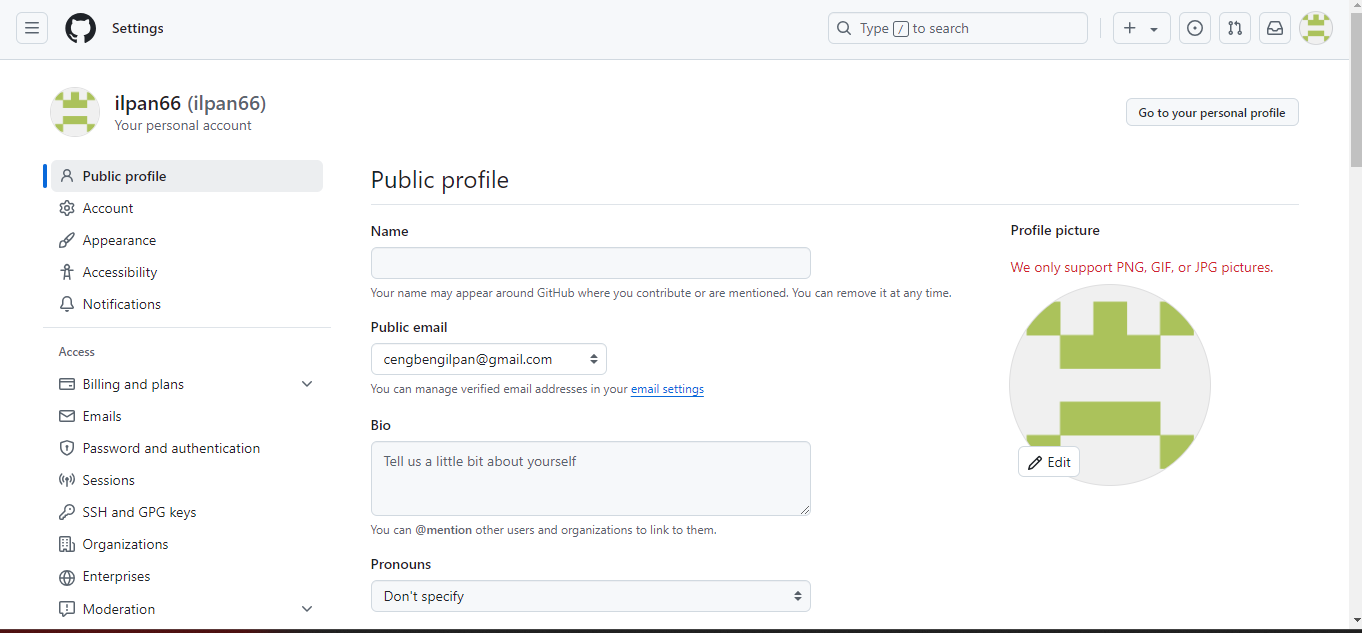
2.

Register Google Collab

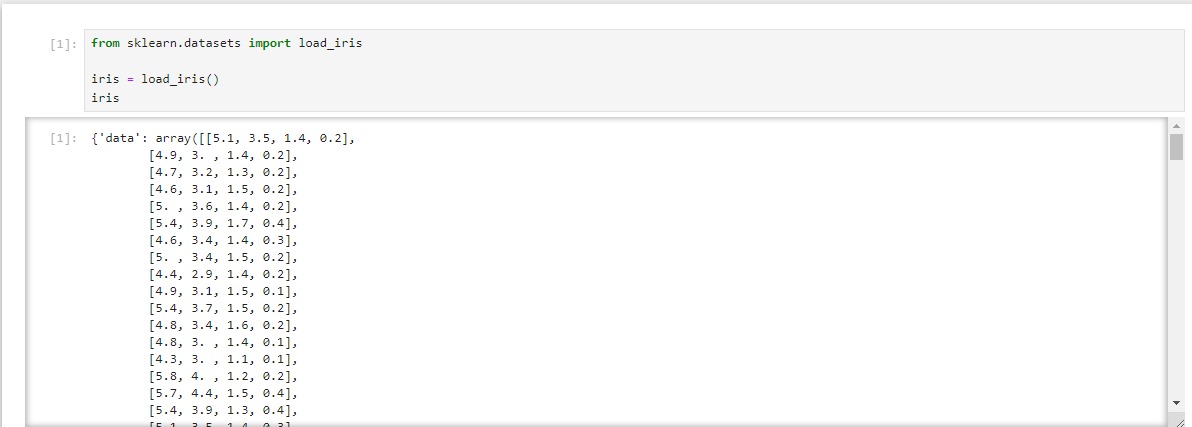
3.

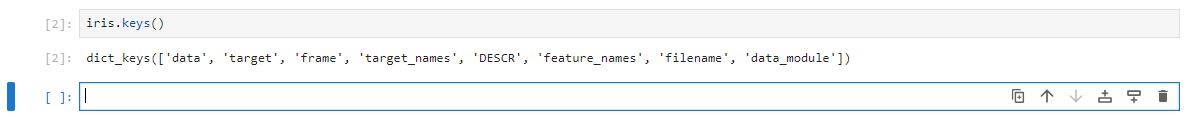
Register Kaggle

4.

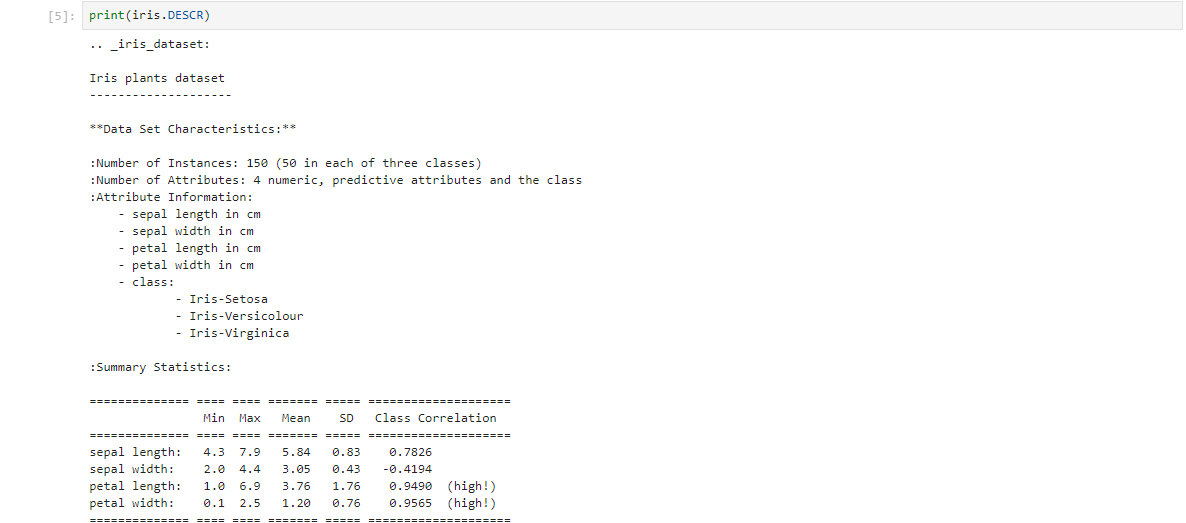
Register GitHub

5.

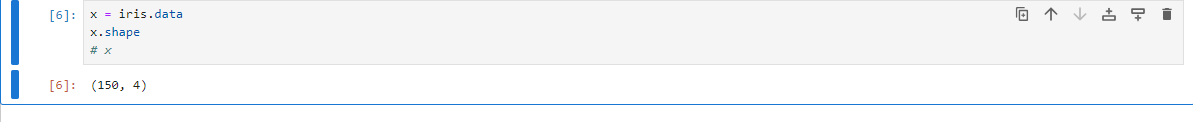
Load sample Dataset



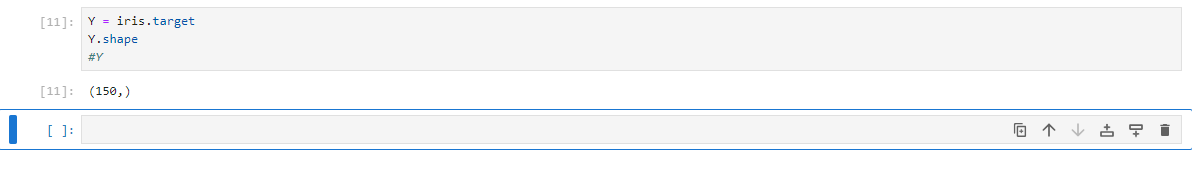
Metadata | Deskripsi dari sample dataset

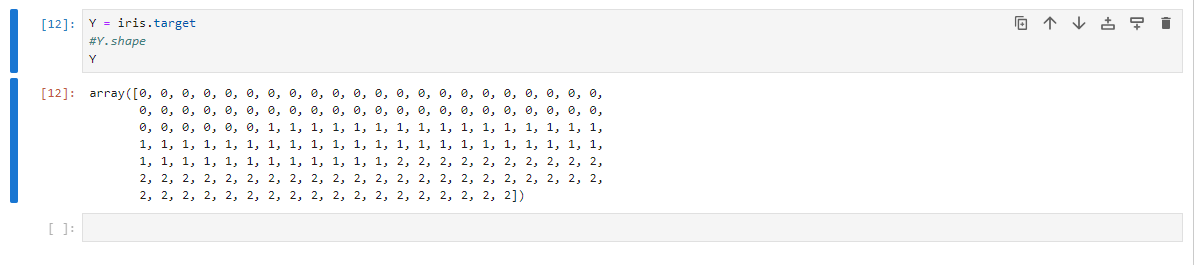


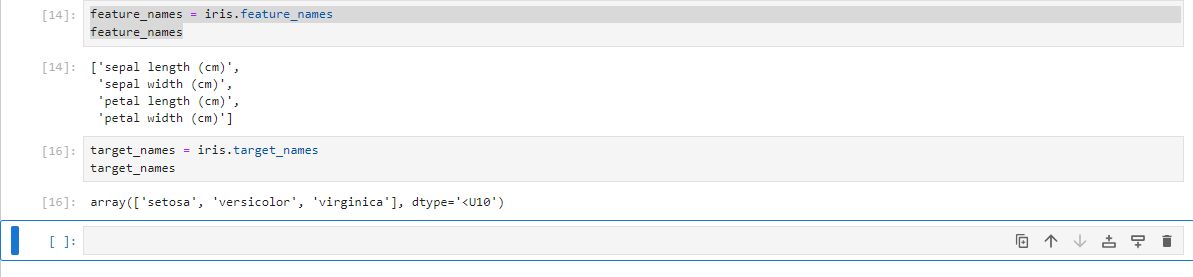
Explanatory & Response Variables | Features & Target

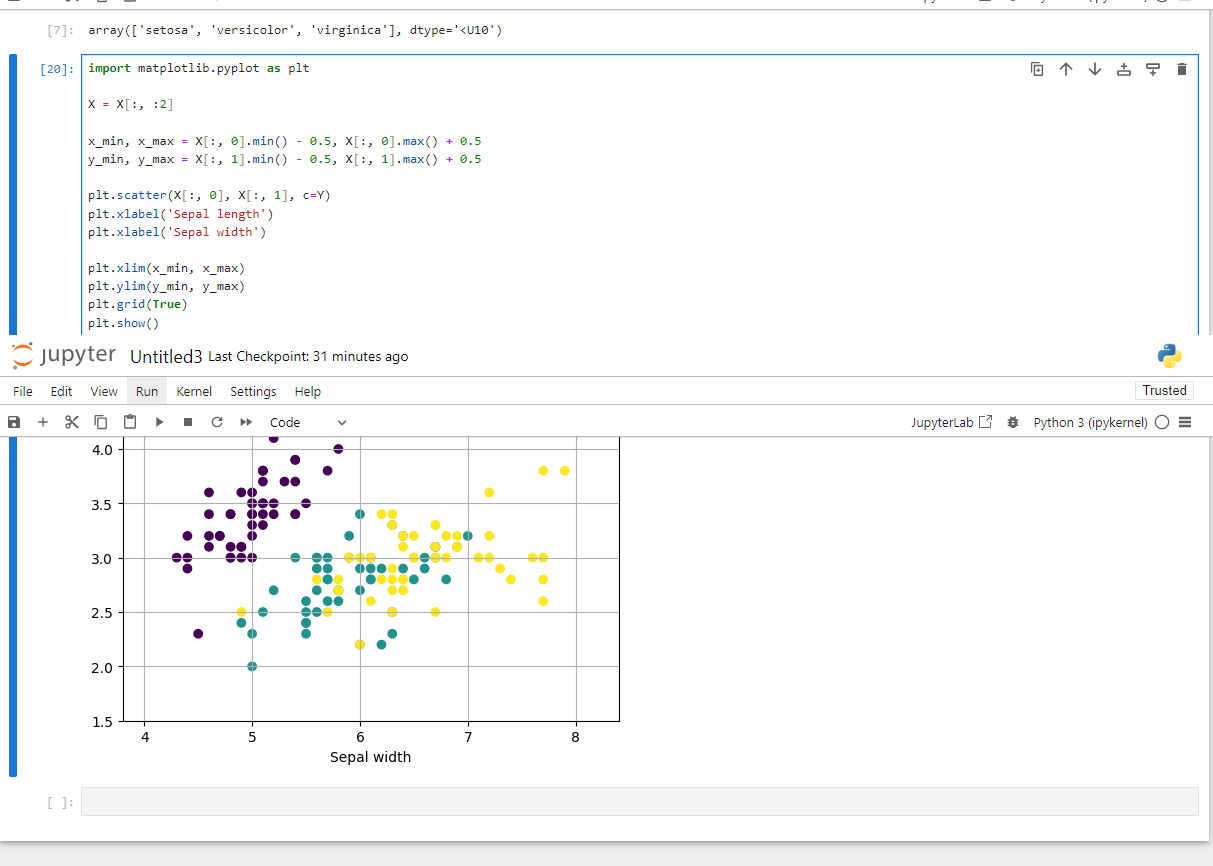
Explanatory Variables (Features)

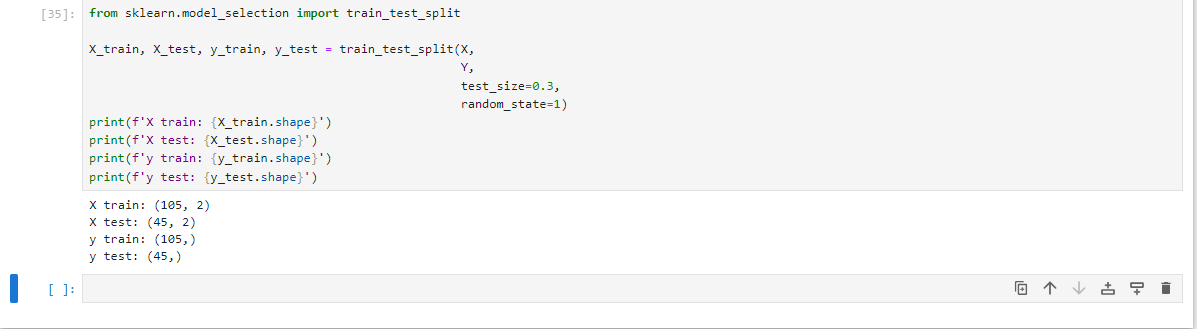


Response Variables (Target)

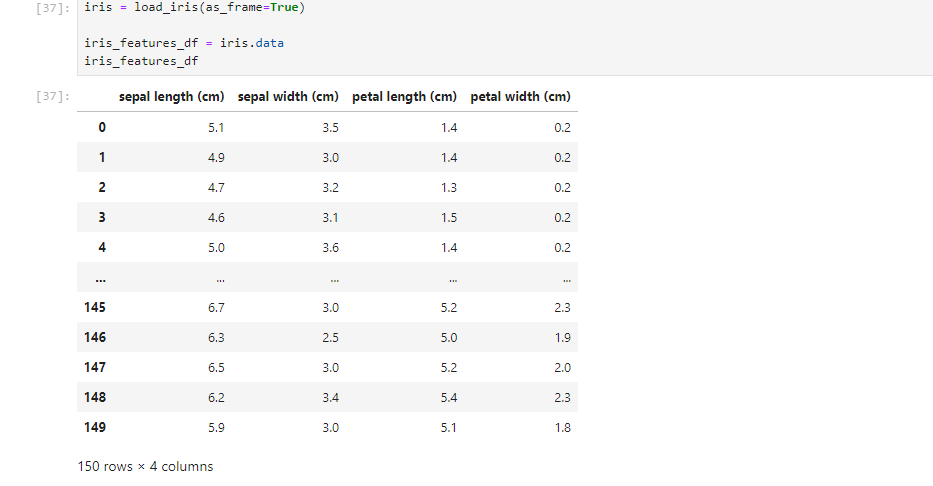


Feature & Target Names

Visualisasi Data

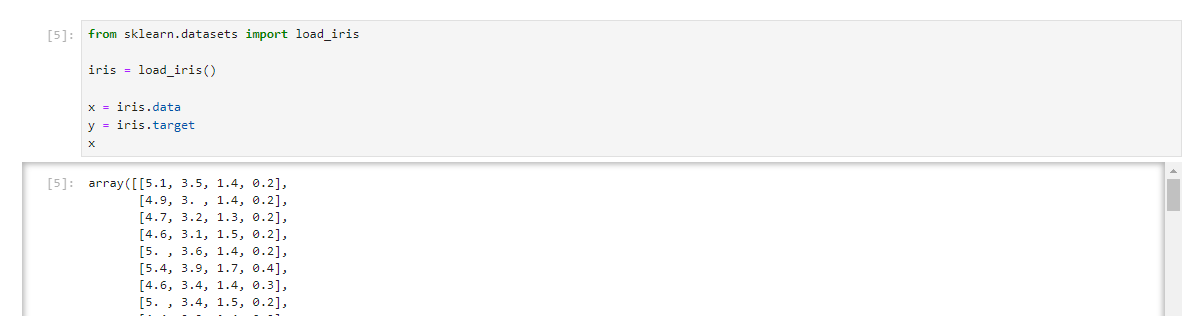
Training Set & Testing Set

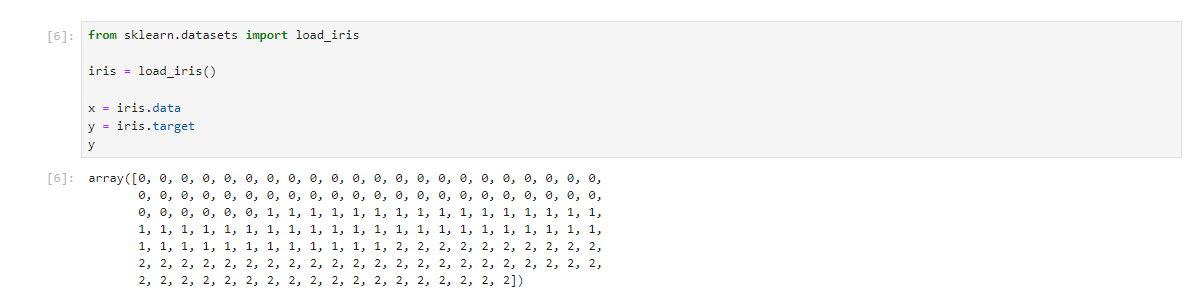
Load sample dataset sebagai Pandas Data Frame



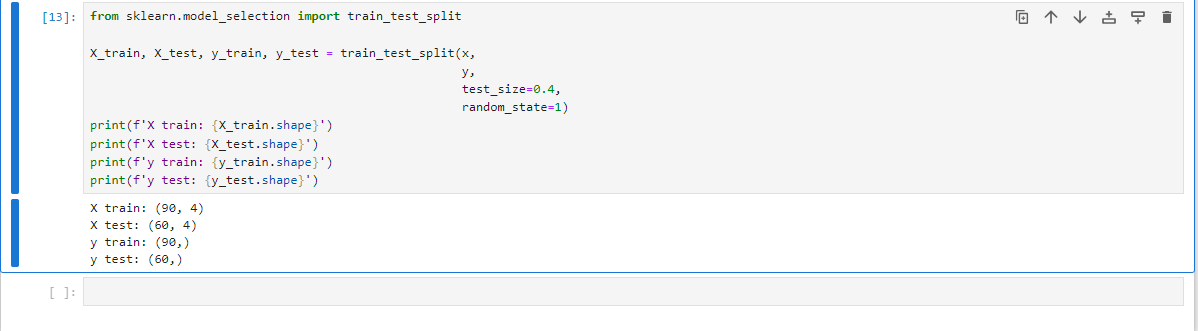
6.

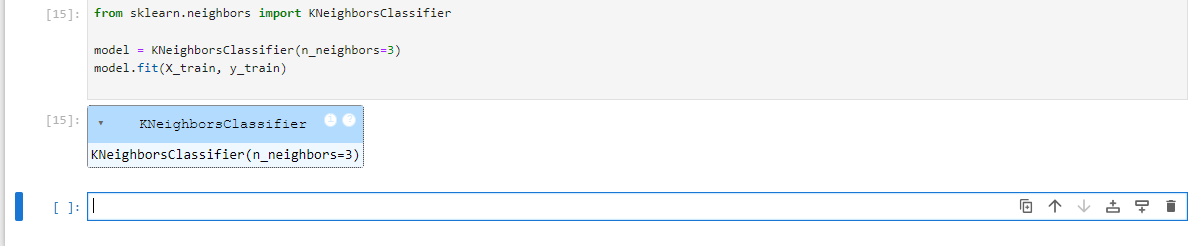
Persiapan dataset | Loading & splitting dataset

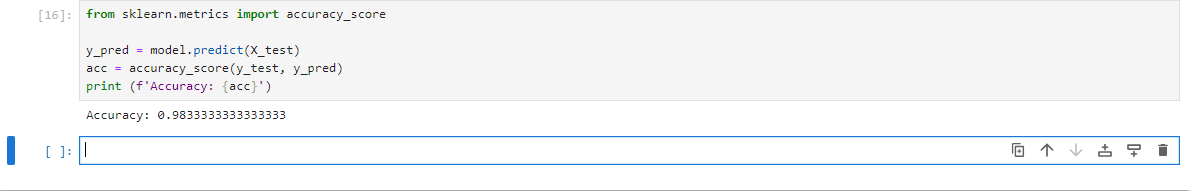
Load sample dataset : Iris Dataset



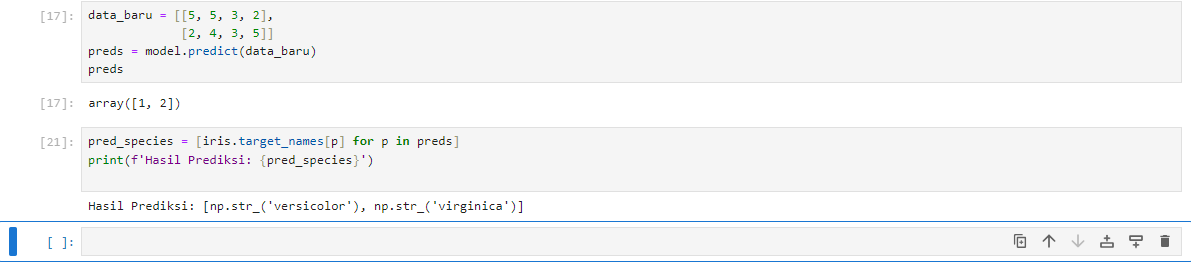
Splitting Dataset : Training & Testing Set



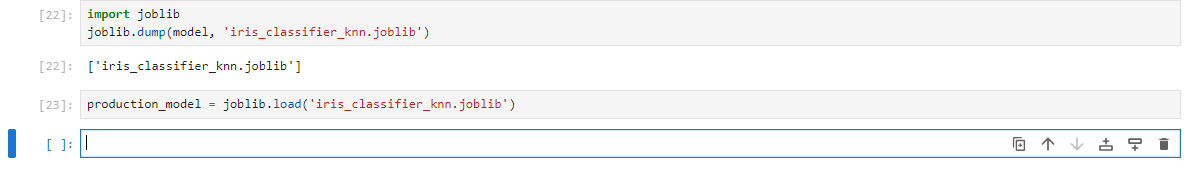
Training model Machine Learning

Evaluasi model Machine Learning

Pemanfaatan trained model machine learning

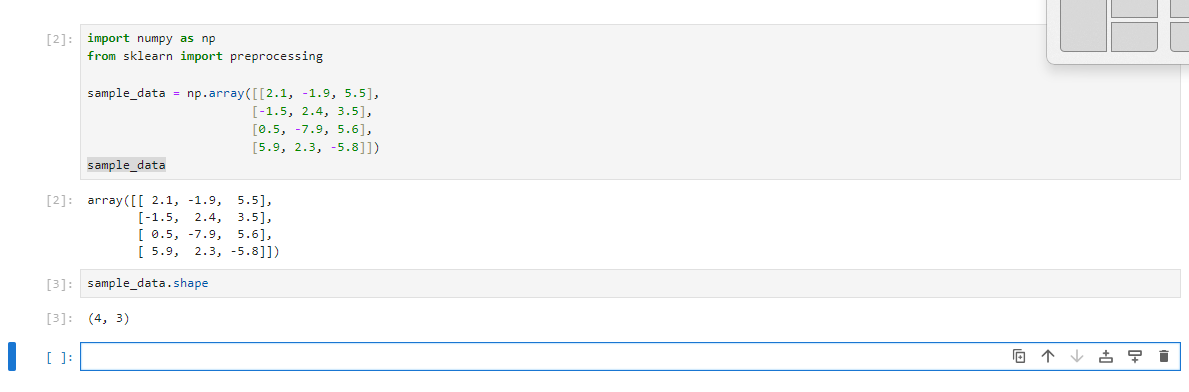


Deploy model Machine Learning | Dumping dan Loading model Machine Learning

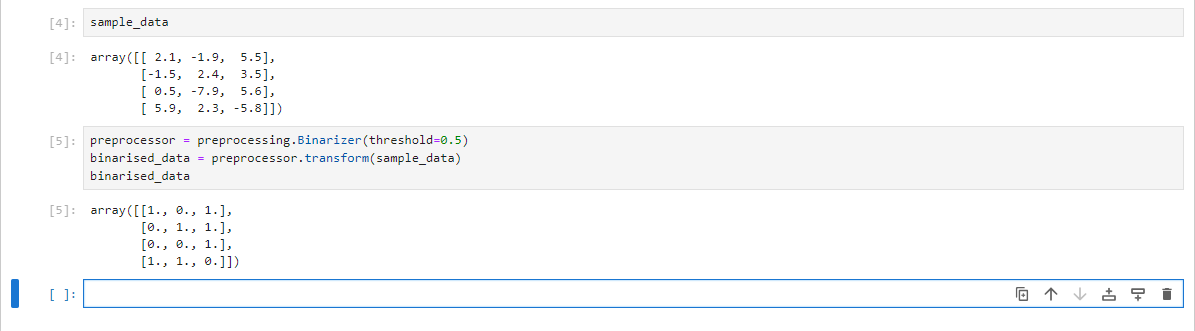


7.

Persiapan sample dataset



Teknik data preprocessing 1: binarization



Teknik data preprocessing 2: scaling



Teknik data preprocessing 3: normalization

Least Absolute Deviations

Least Squeres

