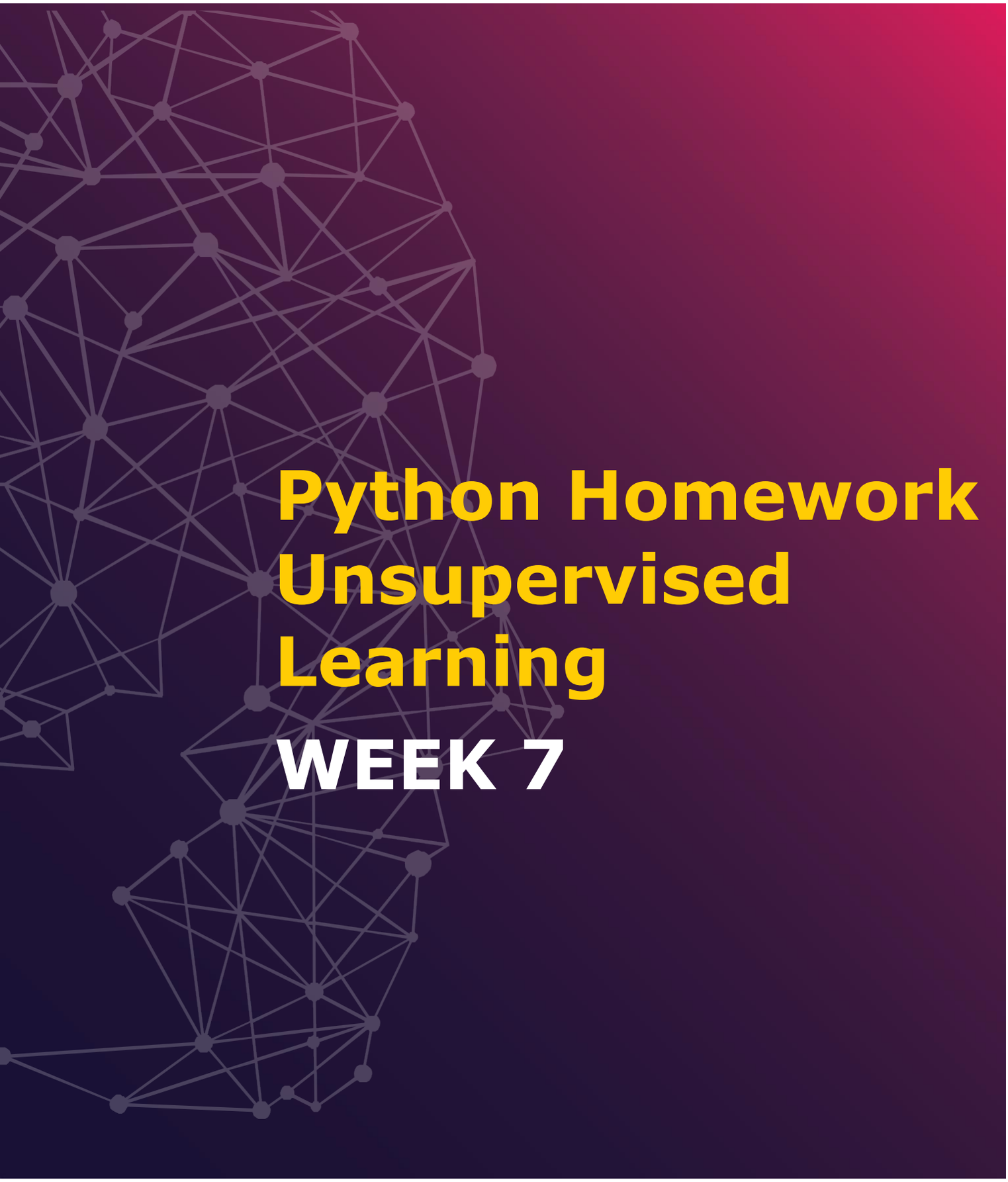

Python Homework Unsupervised Learning

WEEK 7

Data Science Academy

HOMEWORK

Disclaimer: The Iris dataset was used in R.A. Fisher's classic 1936 paper, The Use of Multiple Measurements in Taxonomic Problems, and can also be found on the UCI Machine Learning Repository.

Dataset description: It has 6 columns

1. Id
2. SepalLengthCm
3. SepalWidthCm
4. PetalLengthCm
5. PetalWidthCm
6. Species

Task: You will use the Iris diabetes dataset. The dataset corresponds to a clustering problem on which you need to make predictions based on given the 3 iris species with 50 samples each, as well as some properties about each flower in the dataset. You are asked to predict the classes of flowers by using K-means and Hierarchical Clustering methods.

Complete Homework with following steps:
1. Name your final Homework Script as "Iris_classification".
2.Create repository named "Clustering_Python" in your Github account and push your Homework Script to this repository.
3.Fork other users' repositories, make pull requests (at least one, making three pull requests is desirable).
Note : Your pull requests should either fix problems or add new features.