



SYMBIOSIS SKILLS AND PROFESSIONAL UNIVERSITY

S.Y. B.Sc. Data Science

ML1102/ML1202_Machine Learning-I

Skill 3

Date of display: 29/07/2021

Date of Submission: 1/08/2021

Title: Perform Classification on the Glass Dataset

Problem Statement:

Prepare a Classification on the Glass Dataset, and Find the best model on the dataset.

Data Description:

RI: refractive index

Na: Sodium (unit measurement: weight percent in corresponding oxide, as are attributes 4-10)

Mg: Magnesium

Al: Aluminum

Si: Silicon

K: Potassium

Ca: Calcium

Ba: Barium

Fe: Iron

Type: Type of glass: (class attribute)

1 -- building_windows_float_processed

2 --building_windows_non_float_processed

3 --vehicle_windows_float_processed

4 --vehicle_windows_non_float_processed (none in this database)

5 --containers

6 --tableware

7 --headlamps

Instructions for submission:

1. Save the file with PRN_<Name>.
2. Convert ipynb file into PDF and upload.
3. Add the skill activity details header at the beginning of the file.