Practical Examination

Download the dataset grapes_new.csv from https://mitu.co.in/dataset and perform the following operations.

1. Load the dataset
2. Separate the input and output variables
3. Apply the data cleaning (if necessary)
4. Explore the output variable through countplot, pie chart
5. Explore the shape and soil type through countplot, pie chart
6. Explore alchohol_per, temperature, avg_humidity, fert_nitro_per, water_ph using kdeplot
7. Apply the data encoding (if necessary)
8. Select only COLOR_INTENSITY   FLAVANOIDS   PROLINE   TEMPERATURE   FER_P2O5_PER as input features.
9. Implement classification algorithm
10. Show prediction on some unseen data.