

Consider the data on images of ± 90000 fruits and vegetables. See <https://www.kaggle.com/moltean/fruits> for a full description of the data. The request is open ended but you are required to at least attend to the following in building a suitable classification model:

1. Consideration of all items.
2. An full exploratory data analysis including graphical representations.
3. An array of prediction models should be considered - you are also allowed and encouraged to use ensemble models.
4. Your results should be validated using appropriate methods.
5. Development of user-friendly application that will be used to demonstrate the prediction/classification capabilities of your model(s) - a scoring application.

Your final report and presentation is due on Tuesday 19 October 2021 . This will include the following:

1. Your electronic report.
2. A presentation of 15 minutes on your results.
3. A demonstration of your scoring application.

It is compulsory to attend an information session regarding this request on Tuesday 28 September 2021 - 17:00.