# Lecture\_1a

Hello and welcome to the very first lecture on this module, titled machine learning.

In this module, we are going to be looking at the following broad topics. Applying supervised learning with a focus on classification and regression, applying on unsupervised learning with to focus on clustering or cluster analysis. Applying reinforcement learning, applying neural networks and machine learning implementation. In this module, you'll be assessed through weekly tasks and activities. Now we contribute 25% weighting and an independent project work, a case study that we contribute 75% weighting. In this module lecture delivery and engagement will be mostly online through online videos, online directed study self-guided independent investigations, which are expected to carry out on your own and others.

All the information and details you are going to need with respect to this module are now available on Canvas which I believe you have access to already. Many software tools and packages are available for the implementation of machine learning are able to ensure. generality and conformity to well-established academic and industry standards, and particularly for a self-contained implementation. So there's no need to look for external libraries or sources. Matlab will be the programming environment used by me your instructor. Students are encouraged to explore other platforms or programming environments at their own convenience or discretion. For example, you may want to try and Tableau, Tensorflow, R and others. My name is Mobadoye and I'm your instructor.