AI Course Module 2 Notes

**2.2**

Machine learning requires an input data set, computational power, and algorithms to begin to solve a problem. The goal machine learning has in mind is the correct interpretation of the results.

One model of machine learning is the CRISP-DM (**Cross-Industry Standard Process for Data Mining**) model. This can be broken down into six stages.

1. Business understanding
   1. What questions need to be answered?
2. Data understanding
   1. Where will the data come from?
3. Data preparation
   1. What data is required?
4. Modelling
   1. What machine learning method will be used?
5. Evaluation
   1. Evaluate the results of machine learning
6. Deployment
   1. Push out the solution

Public data sets can be used as test sets for machine learning algorithms, helping them to optimize and accurate predict events.