**Week 1 Assignment**

1)What is ML

Machine Learning is like teaching a computer to learn from examples and experiences, just like humans do but without explicitly programming every single step.  
So basically, ML is a type of artificial intelligence that allows computers to learn from data and improve over time without being explicitly programmed for every task.

2)What is supervised ML algorithm?

It is like teaching a computer with labelled examples that is you give it input data and the correct answers, so it can learn to predict outcomes on new, unseen data.

3)What is regression and classification?

->Regression: The model finds relationships between input features and a numeric output.

* Predicts numbers.

->Classification: The model learns boundaries between classes.

* Predicts categories.