AI – simulation of human intelligence by machines

Machine learning is a subcategory of AI

Deep Learning is a subcategory of machine learning

Data science overlaps with machine learning and deep learning but can be done without it

Deep learning is good for computer vision

Deep learning is NLP

Machine learning can be split into supervised and unsupervised models

Supervised has a specific target that you’re looking for

Supervised is typically split into regression or classification

Data needs to be split into training (60-80% of data) and testing (40-20%) for supervised machine learning

Need to use a training model to build an evaluative model to use for the testing data to see how well predictive aligns with target.