Machine Learning

Question 2

1.Explain how you can implement ML in a real world application.

Answer:

Machine learning is a branch of [artificial intelligence (AI)](https://www.ibm.com/topics/artificial-intelligence) and computer science which focuses on the use of data and algorithms to imitate the way that humans learn, gradually improving its accuracy.

Recommendation engines are one of the most popular applications of machine learning, as product recommendations are featured on most e-commerce websites. Using machine learning models, websites track your behavior to recognize patterns in your browsing history, previous purchases, and shopping cart activity.

Examples of machine learning algorithms are:

Image recognition

Speech recognition

Facial recognition

Product recommendation

Healthcare advancement

Social media optimization

Following are steps of machine learning

1.Data Collection

2.Data preparation

3.Choose a Model

4.Train the Model

5.Evaluate the Model

6.Parameter Tuning

7.Make Predictions