DATA SCIENCE ASSIGNMENT

Day - 61:

1. Which of the following libraries provides a high-level interface for building and training neural networks in Python?

2. What is the primary advantage of using stochastic gradient descent (SGD) over batch gradient descent in training neural networks?

3. Which of the following libraries is commonly used for implementing neural networks and deep learning models in MATLAB?

4. What is the purpose of dropout in neural networks, and how is it implemented in code?

5. Explain the concept of weight initialization in neural Networks and provide an example of a common weight initialization technique.