DATA SCIENCE ASSIGNMENT

Day - 59:

1. **Which of the following libraries is commonly used for implementing machine learning models with L1 (Lasso) and L2 (Ridge) regularization in deep learning?**

2. **In TensorFlow, how can L1 (Lasso) and L2 (Ridge) regularization be implemented in a neural network model?**

3. **Which of the following libraries provides a high-level interface for building neural networks and includes support for L1 (Lasso) and L2 (Ridge) regularization?**

4. **Explain how Lasso Regression can be useful in handling multicollinearity in a dataset.**

5. **What is the difference between eigenvalues and eigenvectors?**

6. **Implement a function to calculate the Mean Squared Error (MSE) as a performance metric for a Lasso Regression model.**