

# DATA SCIENCE ASSIGNMENT

**Day - 58:**

**1. In Lasso (L1) regression, what is the primary purpose of the L1 penalty term added to the loss function?**

**2. Which of the following statements best describes Elastic Net regularization?**

**3. When implementing Lasso (L1) and Ridge (L2) regression using scikit-learn in Python, which module should be used?**

**4. How would you perform hyperparameter tuning for alpha in Ridge Regression, and why is it important?**

**5. How many types of agents are there in Artificial Intelligence?**

**6. Explain the purpose of the Embedding layer in Keras and where it is commonly used.**