

# DATA SCIENCE ASSIGNMENT

**Day - 30:**

- 1. What is the primary purpose of logistic regression?**
  
- 2. In logistic regression, what is the name of the function used to model the probability of a binary outcome?**
  
- 3. What type of dependent variable is suitable for logistic regression?**
  
- 4. . Write a Python function to compute the confusion matrix for a logistic regression model.**
  
- 5. Write a Python function to visualize the decision boundary of a logistic regression model using matplotlib.**