

# Logistic Regression-3

## Assignment Questions



**Q1. Explain the concept of precision and recall in the context of classification models.**

**Q2. What is the F1 score and how is it calculated? How is it different from precision and recall?**

**Q3. What is ROC and AUC, and how are they used to evaluate the performance of classification models?**

**Q4. How do you choose the best metric to evaluate the performance of a classification model?**

**What is multiclass classification and how is it different from binary classification?**

**Q5. Explain how logistic regression can be used for multiclass classification.**

**Q6. Describe the steps involved in an end-to-end project for multiclass classification.**

**Q7. What is model deployment and why is it important?**

**Q8. Explain how multi-cloud platforms are used for model deployment.**

**Q9. Discuss the benefits and challenges of deploying machine learning models in a multi-cloud environment.**

**Note:** Create your assignment in Jupyter notebook and upload it to GitHub & share that github repository link through your dashboard. Make sure the repository is public.