

DATA SCIENCE ASSIGNMENT

Day - 50:

- 1. What is the primary purpose of using a train-test split in model validation?**
- 2.What is the advantage of using k-fold Cross-Validation over a single train-test split?**
- 3.In Shuffle Split Cross-Validation, what does the "shuffle" part refer to?**
- 4. How does LOOCV differ from k-fold cross-validation, and in what scenarios is LOOCV preferred?**
- 5. Explain the computational cost associated with LOOCV and how it scales with the dataset size.**