

DATA SCIENCE ASSIGNMENT

Day - 53:

1. What is the primary difference between bagging and boosting in ensemble learning?
2. In the context of Random Forest, what is the significance of the "random" component?
3. What is the primary goal of stacking in ensemble learning?
4. How can Stacking be used to handle diverse types of base models (e.g., different algorithms)?
5. How does AdaBoost assign weights to training instances, and why is this important?
6. Define Artificial Intelligence (AI) and its role in Data Science. How do AI techniques contribute to enhancing data analysis processes?