

DATA SCIENCE ASSIGNMENT

Day - 12:

1. Which programming paradigm emphasizes the use of functions to solve problems?
2. What is the primary goal of data visualization?
3. Which of the following is a characteristic of Functional Programming?
4. Create a base class `Shape` with a method `area`. Implement two derived classes `Circle` and `Square` that inherit from `Shape` and provide their own implementations of `area`.
5. Write a Python class `Calculator` with a method `add` that can take two or more arguments and return their sum.