DATA SCIENCE ASSIGNMENT

Day - 24:

1. What is the primary purpose of data cleaning in the context of a data science project?

2. Which imputation technique is commonly used to fill in missing numerical values by replacing them with the mean of the observed values?

3. In data analysis, what does a scatter diagram primarily help visualize?

4. How can you impute missing values in a pandas DataFrame using the median?

5. Write a Python function to impute missing values in a pandas DataFrame using interpolation.