# Python Questions:

#### Answers: D:\Master\_Folder\Data Science Course\Projects\Trainings\Python\PythonRevision.ipynb

1. Write a Python program that asks the respondent for their **name, age, and country**. Then, print a summary.
2. Ask a user a multiple-choice question and validate their input.
3. Collect **ratings (1-5)** from multiple respondents and calculate the **average rating**.
4. Collect **Name, Age, and Feedback** from multiple respondents and store them in a **dictionary**. Then, print all responses.
5. Ask the user for a **list of numbers** (comma-separated), convert them into a list of integers, and calculate their **mean, median, and standard deviation**.
6. Ask the user for a dataset column (a list of numbers), then filter out values above a given threshold entered by the user.
7. Ask the user for a list of numbers with some "missing" values as "NA", then replace "NA" with the mean of the available numbers.
8. Ask the user for column names and row values and create a Pandas DataFrame dynamically.
9. Ask the user to upload a CSV file, read it using Pandas, and display basic stats (describe()) along with missing values count.
10. Ask the user for a dataset (CSV file), select target and feature columns, and train a simple Linear Regression model.