Act as senior data scientist.

I have uploaded a CSV file named HousingPrices\_New.csv. Load the data and perform the following tasks step-by-step. For each step, provide clean and well-commented Python code using pandas, numpy, matplotlib, and seaborn where applicable. Always explain briefly what the code is doing.

Task List:

Load the Data Read the CSV into a DataFrame and display the first few rows.

Basic Statistics of 5 Important Columns Choose five relevant numerical columns (e.g., Sale Price, Flat Area (in Sqft), Lot Area (in Sqft), No of Bedrooms, No of Bathrooms).

Show mean, median, mode, standard deviation, min, and max for each.

Check for Missing Values and Outliers Identify missing values across the dataset.

Use boxplots or the IQR method to detect outliers in the selected columns.

Univariate Analysis Pick one key column (e.g., Sale Price) and plot its distribution using histogram and KDE.

Bi-variate Analysis Use scatterplots or boxplots to show relationships, e.g., between Sale Price and Flat Area (in Sqft), or between Sale Price and No of Bedrooms.