You're a senior data scientist consulting on real estate trends. Load the dataset HousingPrices\_New.csv and execute the following pipeline:

1. Data Cleaning:

Identify and handle missing values appropriately (imputation or removal based on context).

Detect and correct anomalies, outliers, or inconsistent formats.

Standardize categorical labels and data types for compatibility.

2. Data Preparation:

Encode categorical features using suitable techniques (e.g., one-hot, label encoding).

Normalize or scale numerical features where needed.

Create meaningful derived features if any relationships stand out (e.g., price per sqft).

3. Exploratory Data Analysis:

Uncover patterns and distributions using summary statistics.

Generate correlation heatmaps and identify multicollinearity.

Highlight features most influential to housing prices.

4. Visualization:

Use clean, readable charts: histograms, boxplots, scatter plots, and bar graphs for key features.

Add a price trend visualization based on time or location if applicable.

Close with a concise visual story of the dataset’s key insights.

Stay analytical, concise, and insight-driven throughout the output.