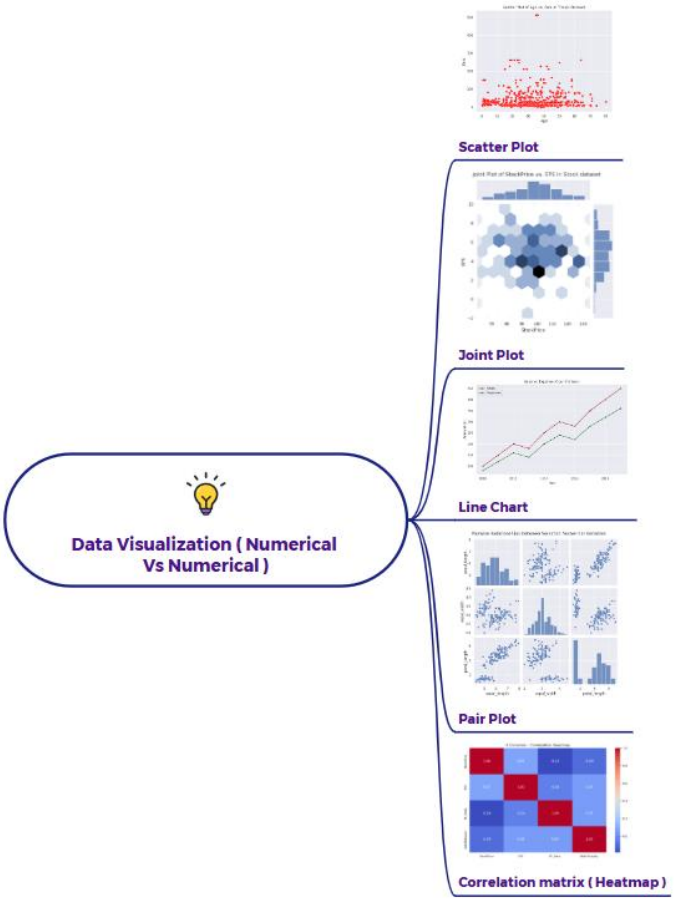
Different data visualization for bivariate analysis - numerical vs numerical



Visualizing the relationship between two numerical variables:

- **Scatter Plot:** Displays individual data points on a two-dimensional plane to show the relationship between two numerical variables.
- **Joint Plot:** Combines a scatter plot with histograms (or density plots) of each individual variable along the axes to visualize both the relationship and the marginal distributions.
- **Line Chart:** Connects data points with lines, often used to show trends or changes in one numerical variable with respect to another (frequently time).
- **Pair Plot:** Creates a grid of scatter plots for all pairs of numerical variables in a dataset, along with histograms (or density plots) on the diagonal for univariate distributions.

- **Correlation matrix (Heatmap):** Visualizes the correlation coefficients between multiple numerical variables using a color-coded matrix, where color intensity and hue indicate the strength and direction of the linear relationship.