**Box Plot Analysis**

The box plot provides a visual representation of the distribution of median prices per square foot for different property types across the four counties. It highlights the spread, central tendency, and potential outliers in the data.

**Key Points:**

1. **Essex County**:
   * **All Residential**: Median price around $300 per sqft, with a range from approximately $250 to $350 per sqft.
   * **Condo**: Median price around $250 per sqft, with a range from approximately $200 to $300 per sqft.
   * **Multi-Family (2-4 Unit)**: Median price around $175 per sqft, with a range from approximately $150 to $200 per sqft.
   * **Single Family Residential**: Median price around $350 per sqft, with a range from approximately $300 to $400 per sqft. This is the highest median price among all property types.
   * **Townhouse**: Median price around $300 per sqft, with a range from approximately $250 to $350 per sqft.
2. **Passaic County**:
   * **All Residential**: Median price around $275 per sqft, with a range from approximately $225 to $325 per sqft.
   * **Condo**: Median price around $250 per sqft, with a range from approximately $200 to $300 per sqft.
   * **Multi-Family (2-4 Unit)**: Median price around $200 per sqft, with a range from approximately $150 to $250 per sqft.
   * **Single Family Residential**: Median price around $300 per sqft, with a range from approximately $250 to $350 per sqft.
   * **Townhouse**: Median price around $275 per sqft, with a range from approximately $225 to $325 per sqft.
3. **Salem County**:
   * **All Residential**: Median price around $200 per sqft, with a range from approximately $150 to $250 per sqft.
   * **Condo**: Median price around $175 per sqft, with a range from approximately $125 to $225 per sqft.
   * **Multi-Family (2-4 Unit)**: Median price around $150 per sqft, with a range from approximately $100 to $200 per sqft. Some outliers are present.
   * **Single Family Residential**: Median price around $250 per sqft, with a range from approximately $200 to $300 per sqft.
   * **Townhouse**: Median price around $200 per sqft, with a range from approximately $150 to $250 per sqft.
4. **Somerset County**:
   * **All Residential**: Median price around $275 per sqft, with a range from approximately $225 to $325 per sqft.
   * **Condo**: Median price around $250 per sqft, with a range from approximately $200 to $300 per sqft.
   * **Multi-Family (2-4 Unit)**: Median price around $200 per sqft, with a range from approximately $150 to $250 per sqft.
   * **Single Family Residential**: Median price around $300 per sqft, with a range from approximately $250 to $350 per sqft.
   * **Townhouse**: Median price around $275 per sqft, with a range from approximately $225 to $325 per sqft.

**Summary and Insights:**

* **Essex County**:
  + Highest median prices for single-family residential properties, followed by all residential and townhouses.
  + Multi-family properties are the least expensive, indicating they are more affordable or less in demand.
* **Passaic County**:
  + Similar trend to Essex County but with slightly lower prices overall.
  + Single-family residential properties and townhouses have similar median prices, indicating a competitive market for these property types.
* **Salem County**:
  + Generally lower median prices across all property types compared to Essex and Passaic Counties.
  + Multi-family properties have significant outliers, suggesting a more volatile market.
* **Somerset County**:
  + Prices are comparable to Passaic County.
  + Consistent trends with all residential and single-family residential properties being the most expensive, while multi-family properties are more affordable.

**Conclusion:**

* **Market Comparison**: Essex County stands out with the highest median prices, particularly for single-family residential properties, suggesting it is a more affluent or high-demand area. Salem County has the lowest prices, indicating it might be more affordable.
* **Investment Insights**: Multi-family properties offer more affordable entry points across all counties, potentially attractive for investors looking for rental properties. Single-family homes and townhouses command higher prices, reflecting their desirability.
* **Pricing Strategy**: Real estate professionals can use this data to set competitive prices and identify target markets for different property types.