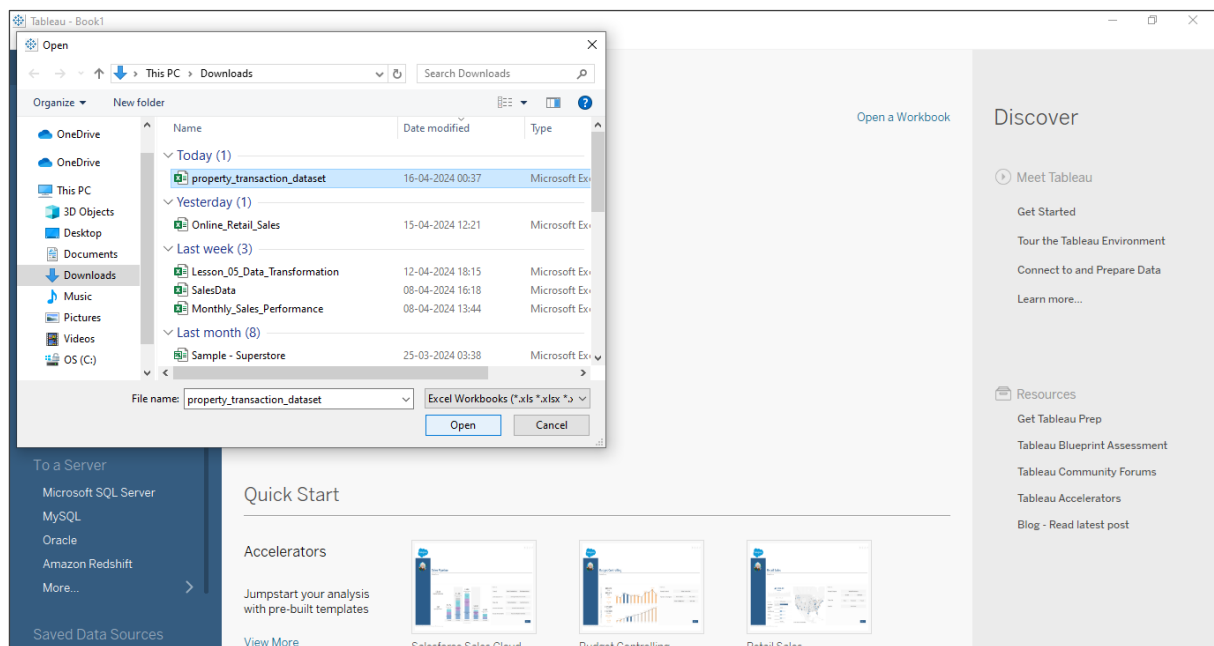


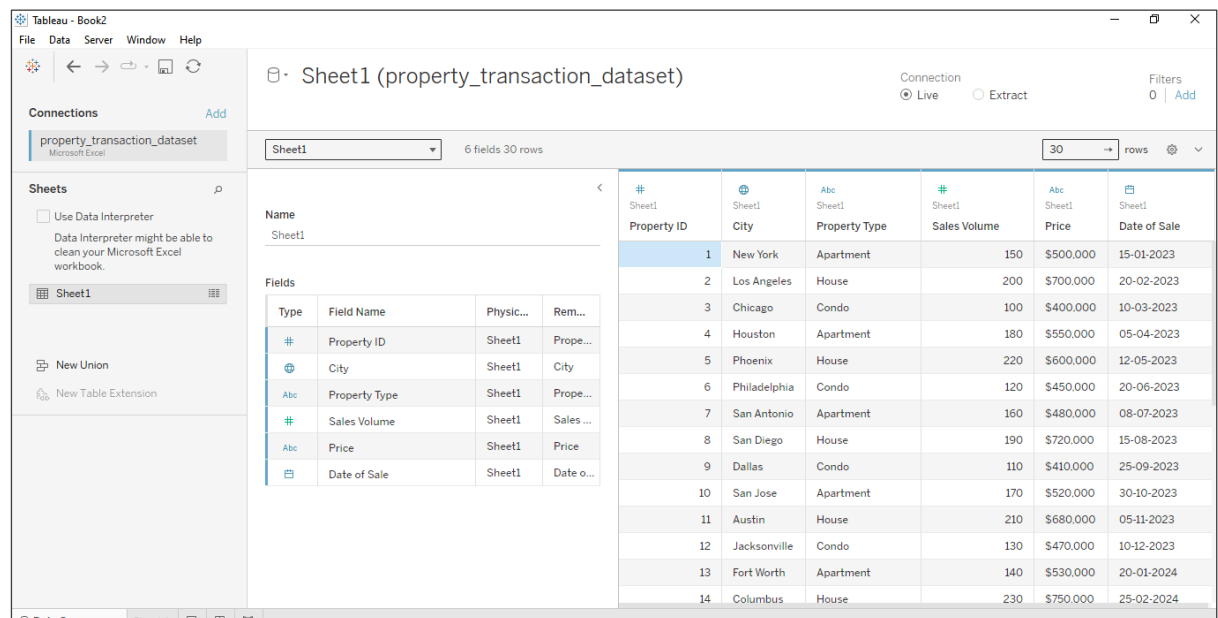
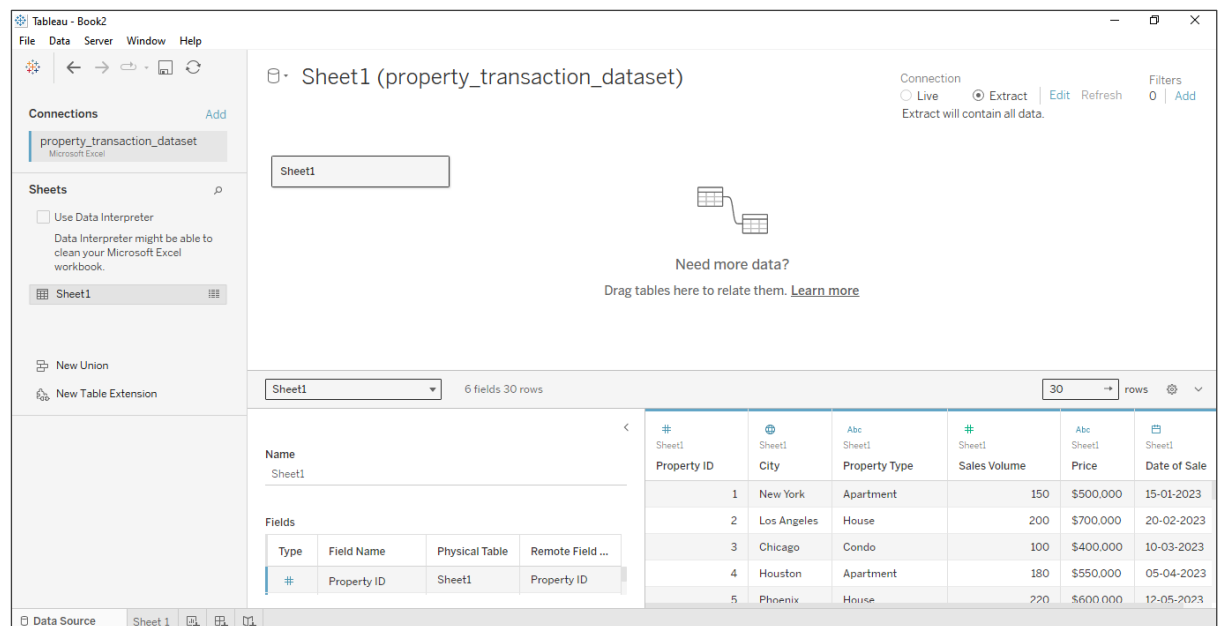
Answer Key

1. Data preparation and connection

- Open Tableau, choose the appropriate data source (Excel or CSV), and navigate to the location of your dataset and select it
- Import the **property_transaction_dataset** into Tableau
- Connect the dataset to Tableau and explore the dataset to identify any inconsistencies or missing values

Output:

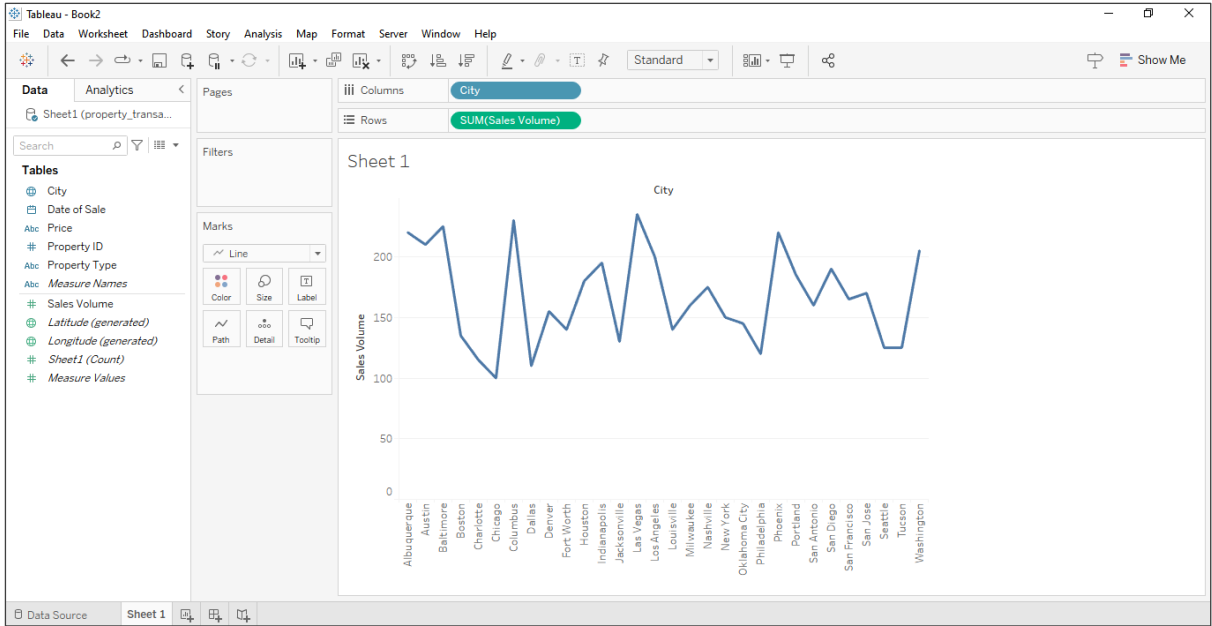
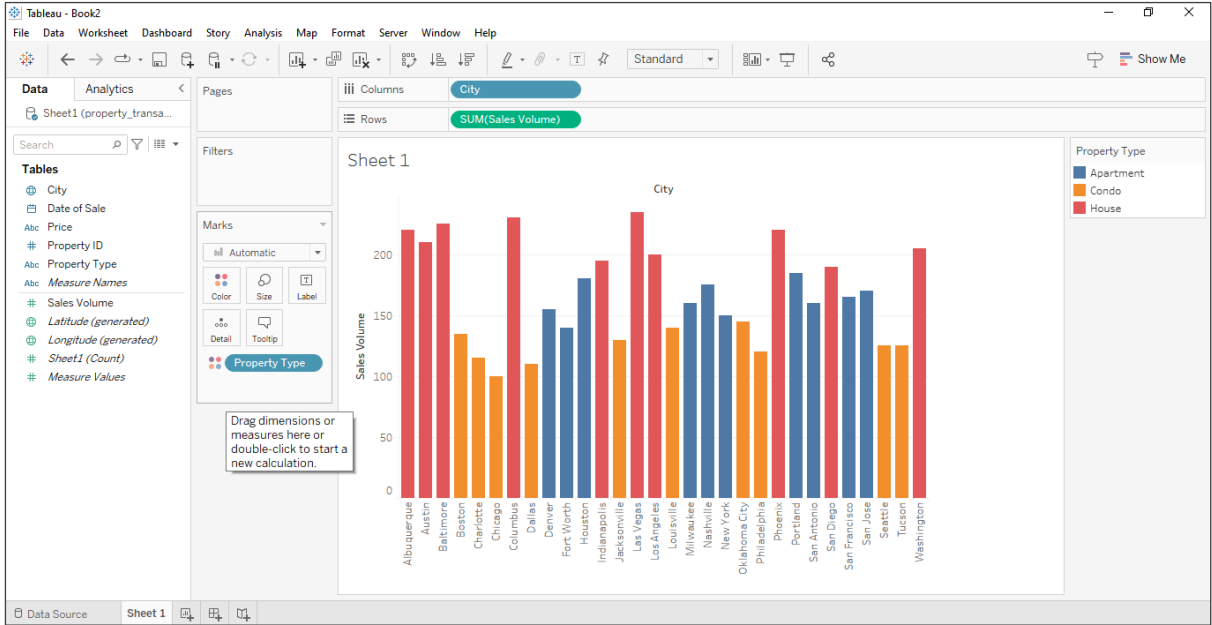


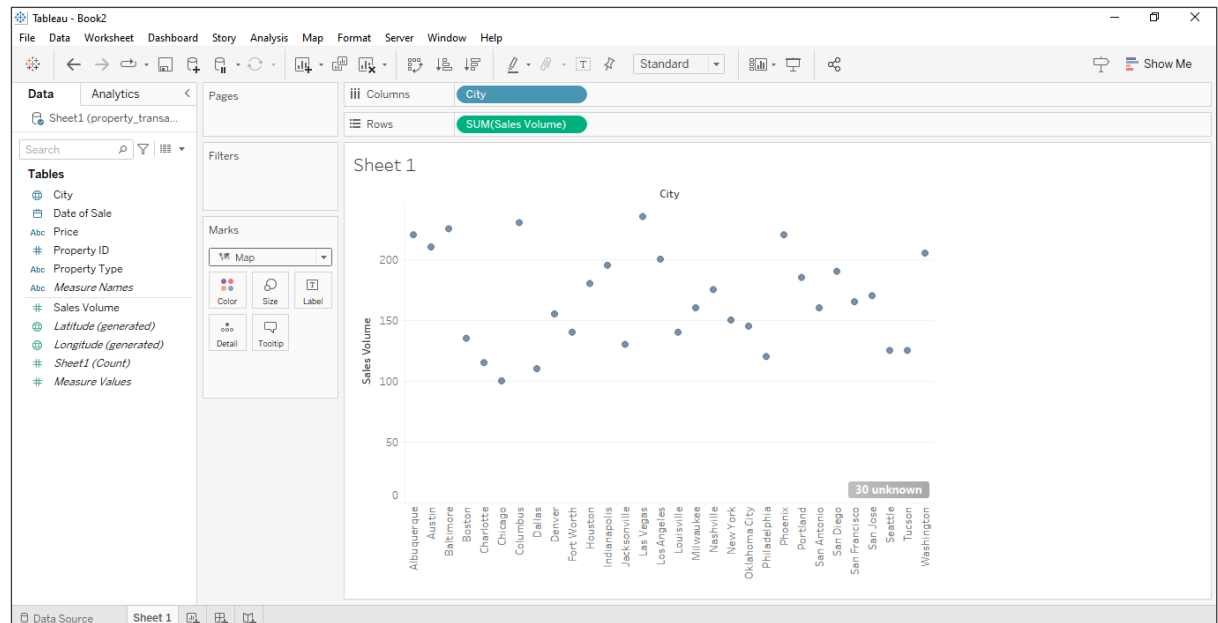


2. Aggregation and visualization

- Utilize Tableau's features to aggregate sales data based on various parameters, such as **City** and **Property type**
- Create interactive visualizations, including **Bar Charts**, **Line Graphs**, and **Maps**, to represent sales trends effectively
- Click on the dropdown of the **Marks Card** to change the visualization to **Line Chart** or **Map**
- For the city, drag **City** to the **Columns** and **Sales Volume** to the **Rows**

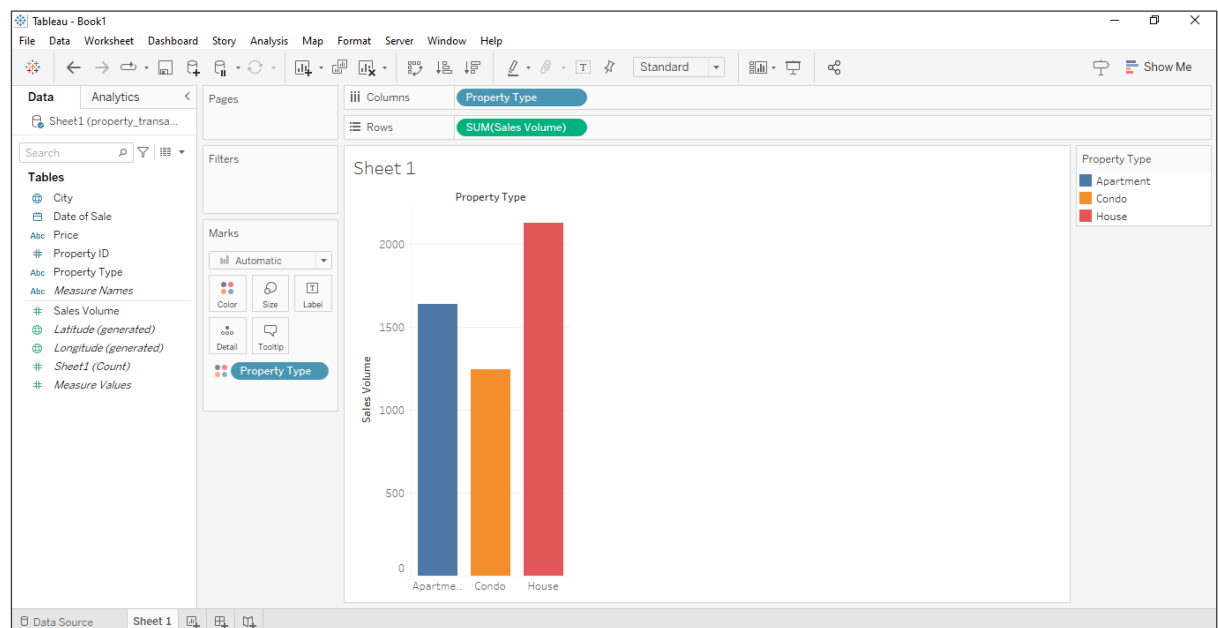
Output:

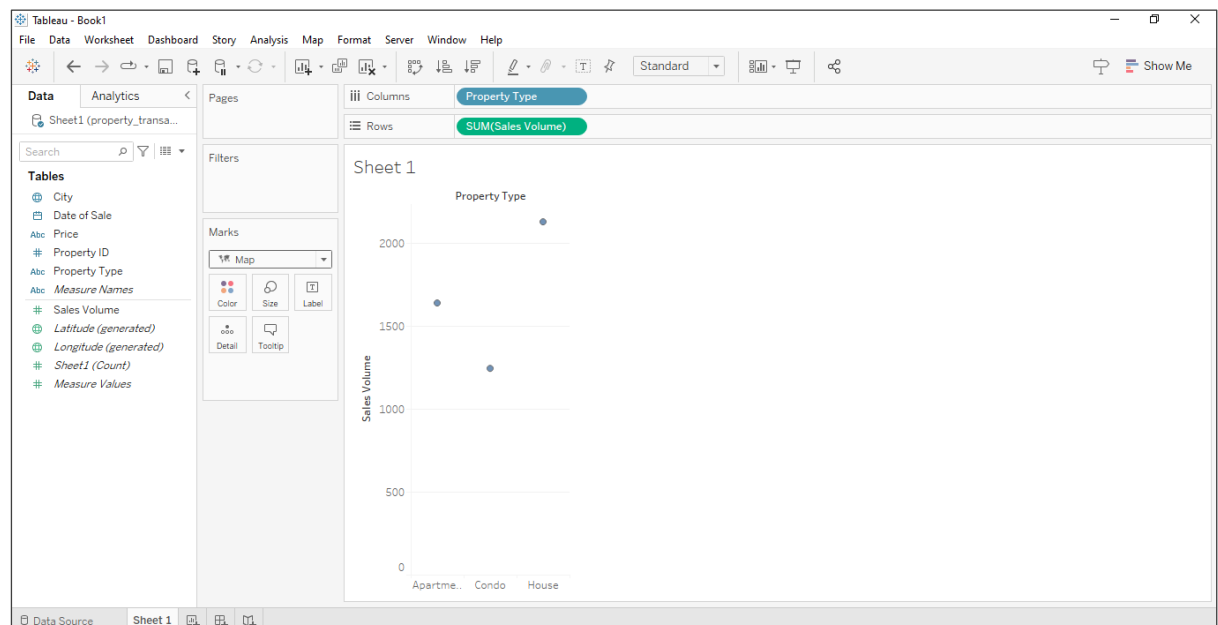
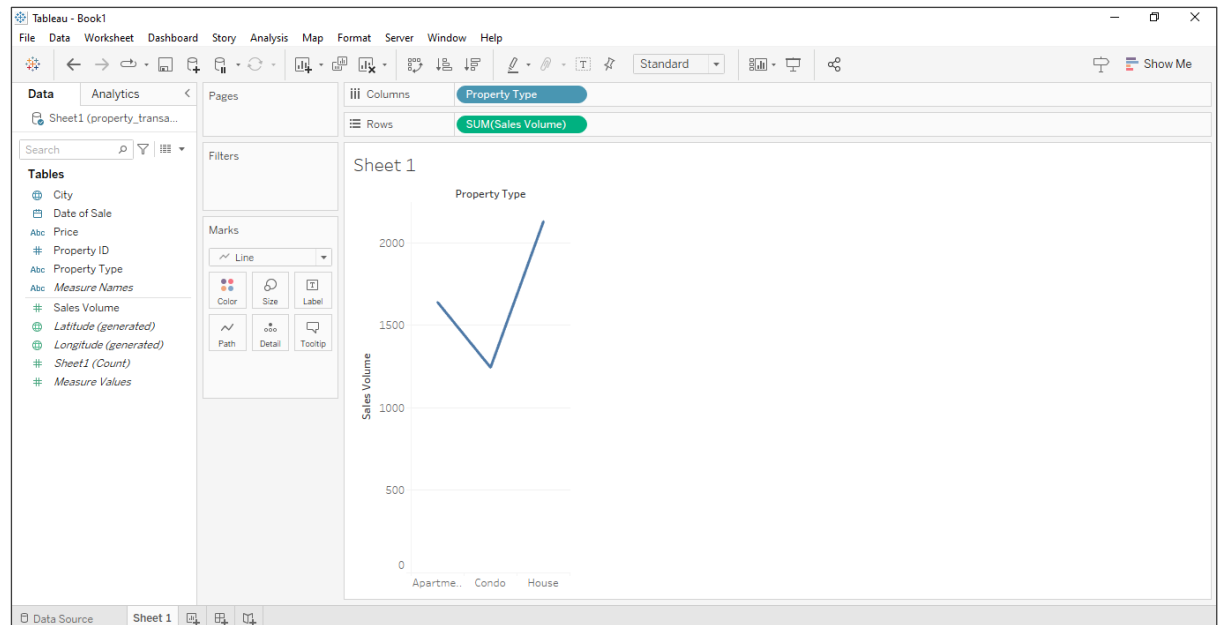




- For the property type, drag **Property type** to the **Columns** and **Sales Volume** to the **Rows**

Output:

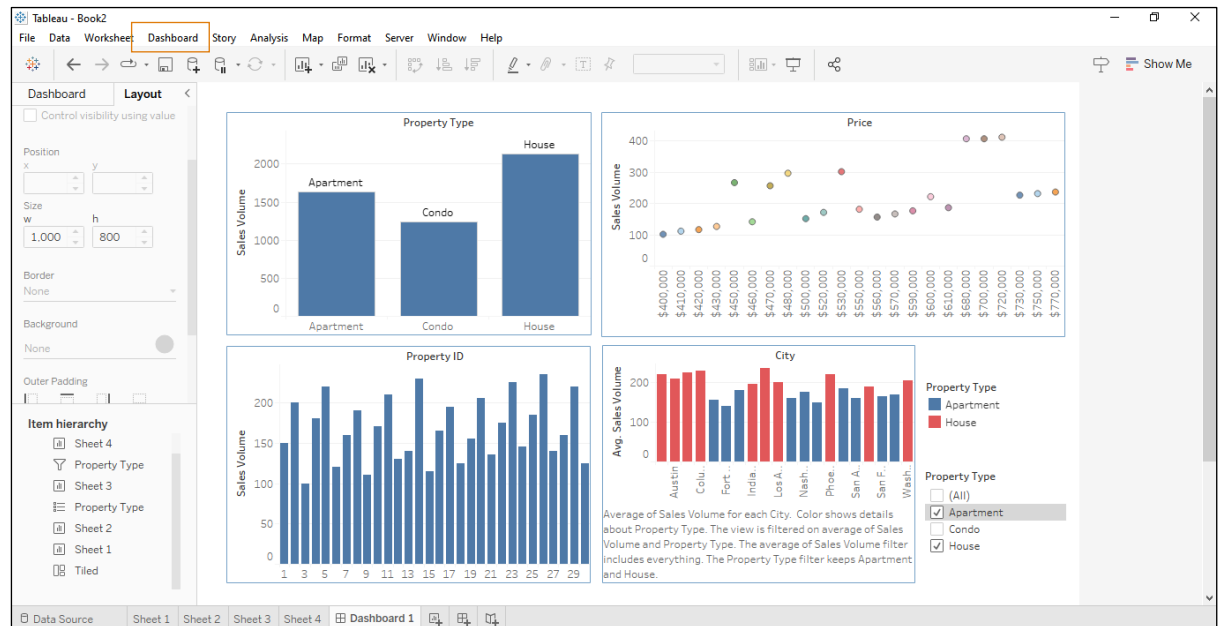




3. Dashboard layout design

- Click on **Dashboard** (next to the **Worksheet** tab), select **New Dashboard**, and drag all the worksheets onto the dashboard canvas
- Organize the layout to ensure a logical flow of information and easy navigation for users

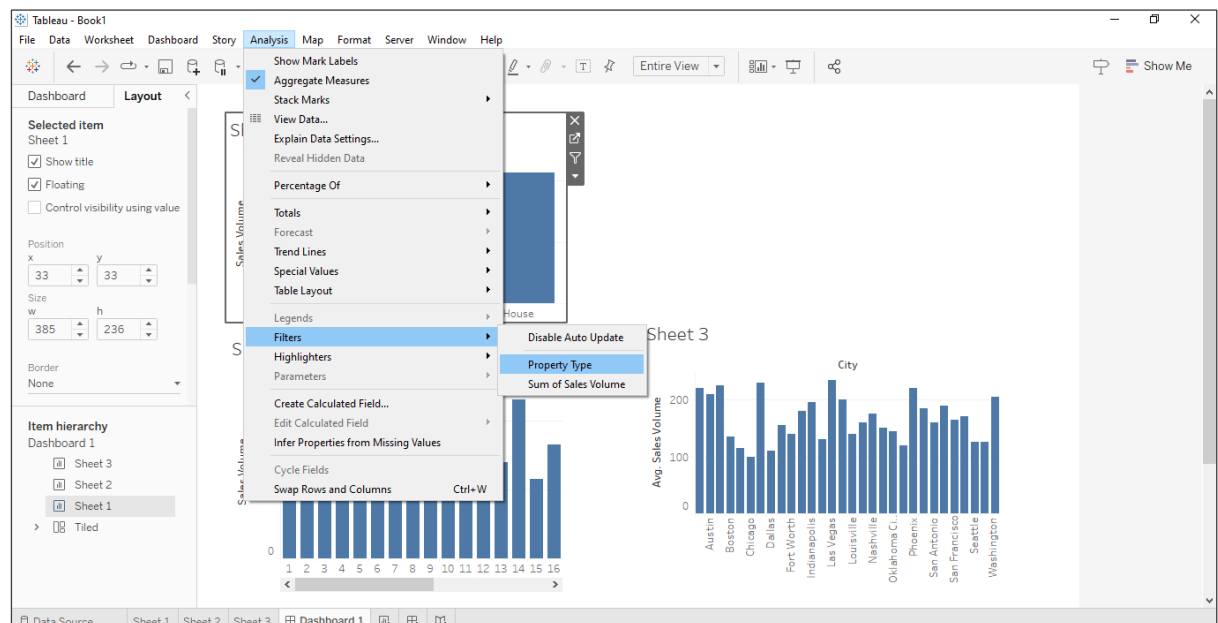
Output:

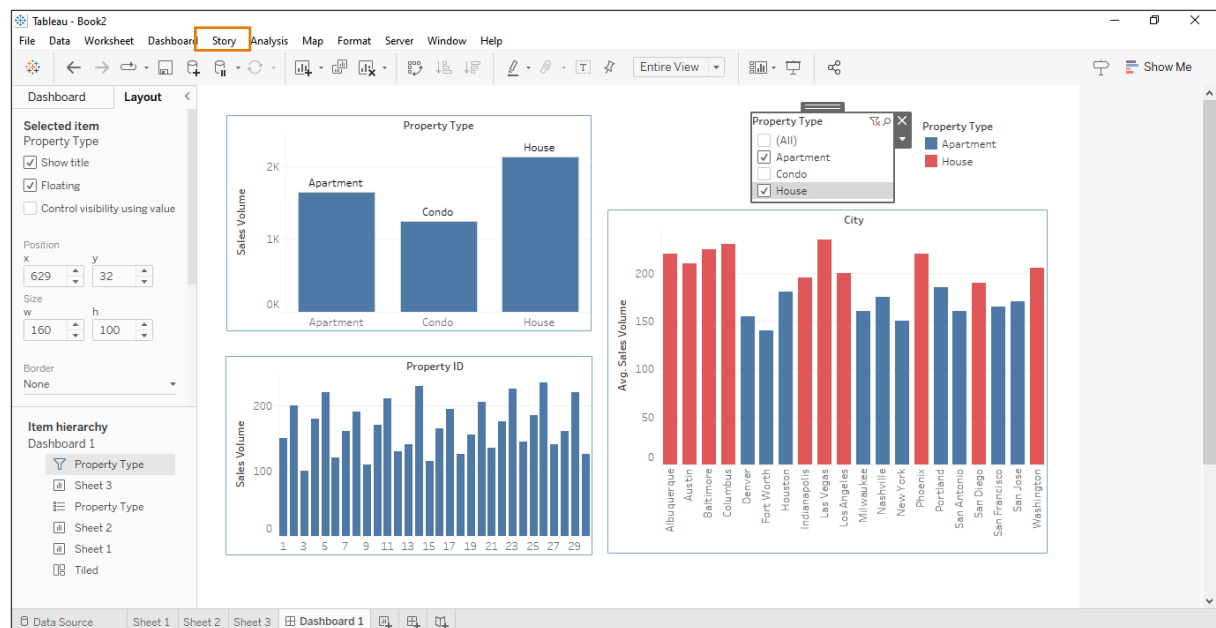


4. Dashboard interactivity

- Implement interactive features such as filters to enhance user engagement
- Click on **Analysis** on the top, select **Filters**, and then select **Property Type**

Output:





5. Storytelling

- Click on the **Story** on the top, select **New Story**, and open a new story canvas
- Drag all the sheets and the dashboard onto the story canvas and add caption for each of them to craft a narrative that guides the viewer through the dashboard, highlighting key insights and trends
- Right-click and select annotations to provide context and enhance understanding

Output:

