**AIRBNB DASHBOARD PROJECT**

**Creating an Airbnb Dashboard in Power BI involves several steps. Here's a high-level overview of the process:**

**1. Data Collection:  
Data Source: Gather data from Airbnb or use a public dataset related to Airbnb. Airbnb provides APIs, or you can find datasets on platforms like Kaggle.**

**2. Data Preparation:**

**Clean and Transform Data: Remove irrelevant columns, handle missing data, and transform data as needed.**

**Convert data types, create calculated columns, and handle any data quality issues.**

**3. Power BI Setup:**

**Install Power BI Desktop: Download and install Power BI Desktop from the official Microsoft website.**

**4. Import Data:**

**Connect to Data Source: Open Power BI Desktop and connect to your Airbnb dataset.**

**5. Data Modelling:**

**Define Relationships: Establish relationships between tables if you have multiple tables in your dataset.**

**6. Create Visualizations:**

**Drag and Drop Visualizations: Use the Power BI interface to create various visualizations like charts, maps, and tables.**

**Relevant visualizations might include: Map Visualization: Show the location of Airbnb listings.**

**Bar/Column Charts: Display pricing trends or occupancy rates.**

**Time Series Charts: Show booking trends over time.**

**Filters and Slicers: Allow users to filter data based on various criteria.**

**7. Dashboard Design:**

**Arrange Visualizations: Organize visualizations on the dashboard canvas to create a logical flow.**

**Use multiple pages if necessary.**

**8. Interactivity:**

**Add Filters and Slicers: Enhance user interactivity by adding filters and slicers.**

**Allow users to drill down into specific data points.**