**Hackathon – BI Problem Statement**

**STATEMENT 1**

**Problem Statement:** The problem statement defines analysis of spatial trends in Airbnb (online marketplace for short-term homestays) prices based on several determinants like Room Type, Location, Cleanliness Rating, and many more covering different European cities. Based on the problem, answer the following questions -

* Identify the most expensive and affordable cities for Airbnb hosting and give suitable reasons.
* Compare differences between weekday vs weekend booking patterns to project rental rates comparison in European cities. Give suitable reasons.
* Identify important determinants of Airbnb prices (avg. guest satisfaction, avg. cleanliness ratings and so on) to provide insights into areas of opportunity for improvement concerning vacation rentals.
* Identify the important drivers in Sales/Booking occupancy across different cities.

**Data link:** [Airbnb Prices in European Cities | Kaggle](https://www.kaggle.com/datasets/thedevastator/airbnb-prices-in-european-cities?select=budapest_weekdays.csv)

**Evaluation Criteria:**

* Quality of insights provided
* Representation of the dashboard
* Performance efficiency

**Submission:**

1. One Tableau dashboard file (.twbx) containing the required dashboard.
2. One word document summarising the insights from the dashboard.

**Links for Reference:**

[Refer this video link to Download and Install Tableau Desktop 14-day free trial version](https://www.youtube.com/watch?v=B6EbUuzhE-I&ab_channel=NICITACADEMY2.0)

[Refer this link to get started with Tableau Desktop](https://www.youtube.com/watch?v=3GT_TLIeCbE&ab_channel=Simplilearn)