**Hilton Property Rental Services**

**Data Description:**

This dataset provides information about a rental company property and its growing business through its well-equipped properties. Customer base is strong for its beautifully located properties. Our target is to correlate between various aspect of its property, pricing, and customer’s bookings.

The data included information related to all the properties, their attendants, Renting price and, location, Neighborhood, Reviews. It also has ratings on various aspects of property which gives us a clear perspective of property's popularity among customers.

**Data Files:**

<https://drive.google.com/drive/folders/1KPMydGeQrRNJQ-HVVhqUovJGbGu0XYwT>

**Data Dictionary:**

|  |  |
| --- | --- |
| Column Name | Description |
| Property\_id | Property id in the system |
| Name | Name of the property |
| Experiences\_offered | Additional Experience provided |
| thumbnail\_url | Property thumbnail URL |
| medium\_url | Property URL |
| xl\_picture\_url | Property thumbnail URL |
| Attendant\_id | Attendant Id in the system |
| Attendant\_name | Name of the Attendant |
| Attendant\_since | Start date of Attendant with company |
| Attendant\_location | location of Attendant |
| Attendant\_about | Small self-description of Attendant |
| Attendant\_response\_time | Response time for rent requests |
| Attendant\_response\_rate | Response Rate for rent requests |
| Attendant\_acceptance\_rate | Acceptance rate of Attendant |
| Attendant\_is\_superAttendant | Star Attendant flag ( F = false, T = True) |
| Attendant\_neighbourhood | Neighborhood of Attendant |
| Attendant\_Propertys\_count | Number of properties of attendant |
| Attendant\_total\_Propertys\_count | Number of properties of attendant |
| Attendant\_verifications | Verification mediums for attendant like Email, contact no. etc. |
| Attendant\_has\_profile\_pic | Profile pic flag for attendant ( F = false, T = True) |
| Attendant\_identity\_verified | Verification flag for attendant ( F = false, T = True) |
| neighbourhood | Neighborhood |
| neighbourhood\_cleansed | Neighborhood description 1 |
| neighbourhood\_group\_cleansed | Neighborhood description 2 |
| zipcode | Zip code |
| country\_code | Country Code |
| country | Country Name |
| latitude | Latitude of property location |
| longitude | Longitude of Property location |
| is\_location\_exact | Exact location flag |
| property\_type | Type of property |
| room\_type | Type of room |
| accommodates | Number of people can be accommodate in the property |
| bathrooms | Number of Bathroom |
| bedrooms | Number of Bedroom |
| beds | Number of Beds |
| bed\_type | Type of Beds |
| amenities | Amenities provided |
| square\_feet | Property Size |
| price | Price of Property |
| weekly\_price | Price for a week |
| monthly\_price | Price for a Month |
| security\_deposit | Security Deposit amount |
| cleaning\_fee | Fee for cleaning |
| guests\_included | Number of guests |
| extra\_people | Price for extra person |
| minimum\_nights | Minimum booking nights |
| maximum\_nights | Maximum booking nights |
| calendar\_updated | Calendar updated for property |
| has\_availability | Availability flag |
| availability\_30 | Days Available for in next 30 days |
| availability\_60 | Days Available for in next 60 days |
| availability\_90 | Days Available for in next 90 days |
| availability\_365 | Days available for in next 365 days |
| number\_of\_reviews | Number of reviews |
| first\_review | Date of first review |
| last\_review | Date of last review |
| review\_scores\_rating | Review rating |
| review\_scores\_accuracy | Review score for Accuracy |
| review\_scores\_cleanliness | Review score for Cleanliness |
| review\_scores\_checkin | Review score for Check in process |
| review\_scores\_communication | Review score for Communication |
| review\_scores\_location | Review score for Location |
| review\_scores\_value | Review score for Value |
| requires\_license | License Requirement Flag |
| License | License number |
| instant\_bookable | Instant book ability flag |
| is\_business\_travel\_ready | Business travel ready flag |
| cancellation\_policy | Cancellation Policy Type |
| require\_guest\_profile\_picture | Guest profile picture requirement flag |
| require\_guest\_phone\_verification | Guest phone verification flag |
| reviews\_per\_month | Number of reviews per month |

**Guidelines for Trainees:**

Below are the expectations/guidelines from/for the Mock Project. You can use the below points to structure your thought process and plan it accordingly. Feel free to explore all the technologies learned during training whether on premise or on the cloud.

Steps to follow:

* Gather data understanding via the data dictionary and domain knowledge.
* Perform ETL using a suitable tool.
* Identify dimensions and facts and perform data modeling.
* Dash boarding and story building
  + Identify suitable metrics and generate insights
  + Identify the story points in the data and come up with a compelling story
* Presentation
  + Make a PPT to showcase all the above in 15 minutes.