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**Hotel\_revenue\_Project :**

**About the project :**

The owner has two types of hotels across the world and he wants to see the statics of his business, he gets tired of the Excel files he received from his employer so he heard about BI tools and wants to see the hotel's data as a dashboard.

**About the data :**

the data is a collection of multiple Excel spreadsheets from a database it shows the data from 2018 to 2020

**The owner requirements :**

I want to know the Revenue of all hotels by month, country, and type of hotel, and the same for Cost, ADR, and guests, and add the location for every single one, and if you can add anything you find helpful, and just the **2018 data only**.

**The query is written in Power BI :**

with hotels as (

select \* from dbo.['2018$']

)

select \* from hotels

left join dbo.market\_segment$

on hotels.market\_segment = market\_segment$.market\_segment

left join dbo.meal\_cost$

on meal\_cost$.meal = hotels.meal

**measures:**

Parking percentage measure

Parking percentage = sum(Query1[required\_car\_parking\_spaces])/[Totle nighit]

Totle night measure

Totle night : SUM(Query1[stays\_in\_week\_nights])+SUM(Query1[stays\_in\_weekend\_nights])

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