

## Requirements

Build a visual data story or dashboard using Power BI to present to your stakeholders

“Is Hotel Revenue growing by year?”

We have two hotel types so it  
Would be good to segment  
Revenue by hotel type.

Should we increase our parking lot size?

We want to understand if  
there is a trend is guest with  
Personal cars.

“What trend can We see in the data

Focus on Average daily rate  
and guests to explore  
seasonality

# Data Analysis Project Pipeline

**1**

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Build a Database

**2**

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Develop the SQL  
Query

**3**

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Connect Power BI  
to the Database

**4**

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Visualize

**5**

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Summarize  
Findings

# RUNNING QUERY

MySQL Workbench

nitin x

File Edit View Query Database Server Tools Scripting Help

Navigator

**SCHEMAS**

Filter objects

project

- Tables
  - market\_segment
  - meal\_cost
  - y2018
  - y2019
  - y2020
- Views
- Stored Procedures
- Functions

sakila

sys

world

Administration Schemas

Information

Schema: project

Object Info Session

SQL script saved to 'C:\Users\nitin\Desktop\hotels.sql'

hotels

Limit to 1000 rows

```
1 WITH HOTELS AS (  
2   SELECT * FROM Y2018  
3   UNION  
4   SELECT * FROM y2019  
5   UNION  
6   SELECT * FROM Y2020)  
7   SELECT * FROM HOTELS  
8   LEFT JOIN MARKET_SEGMENT  
9   ON HOTELS.MARKET_SEGMENT = MARKET_SEGMENT.MARKET_SEGMENT  
10  LEFT JOIN MEAL_COST  
11  ON MEAL_COST.MEAL = HOTELS.MEAL  
12  
13
```

Result Grid

Filter Rows:

Export: Wrap Cell Content: Fetch rows:

	hotel	is_canceled	lead_time	arrival_date_year	arrival_date_month	arrival_date_week_number	arrival_date_day_of_month	stays_in_weekend_nights	stays_in_week_nights
▶	Resort Hotel	1	85	2018	July	27	1	0	3
	Resort Hotel	1	75	2018	July	27	1	0	3
	Resort Hotel	1	23	2018	July	27	1	0	4
	Resort Hotel	1	60	2018	July	27	1	2	5
	Resort Hotel	1	96	2018	July	27	1	2	8
	Resort Hotel	1	45	2018	July	27	2	1	3

Result 3 x

Read Only

# Final Report

