Goal: develop a database to analyze and visualize hotel booking data

Requirement: build a visual data story or dashboard using powerbi to present to stakeholders

Questions?

1. Is hotel revenue growing by the year?
2. Should we increase our parking lot size?
3. What trends can we see in data?

Data analysis project pipeline

1. Build a database
2. Develop the SQL query
3. Connect power BI to a database
4. Visualize
5. Summarize findings

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Graphical user interface, application

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Questions?

1. Is hotel revenue growing by the year?

After analyzing the data from each year, the revenue increased significantly

1. Should we increase our parking lot size?

we do not need to increase our parking lot size based on the data we got in our analysis.