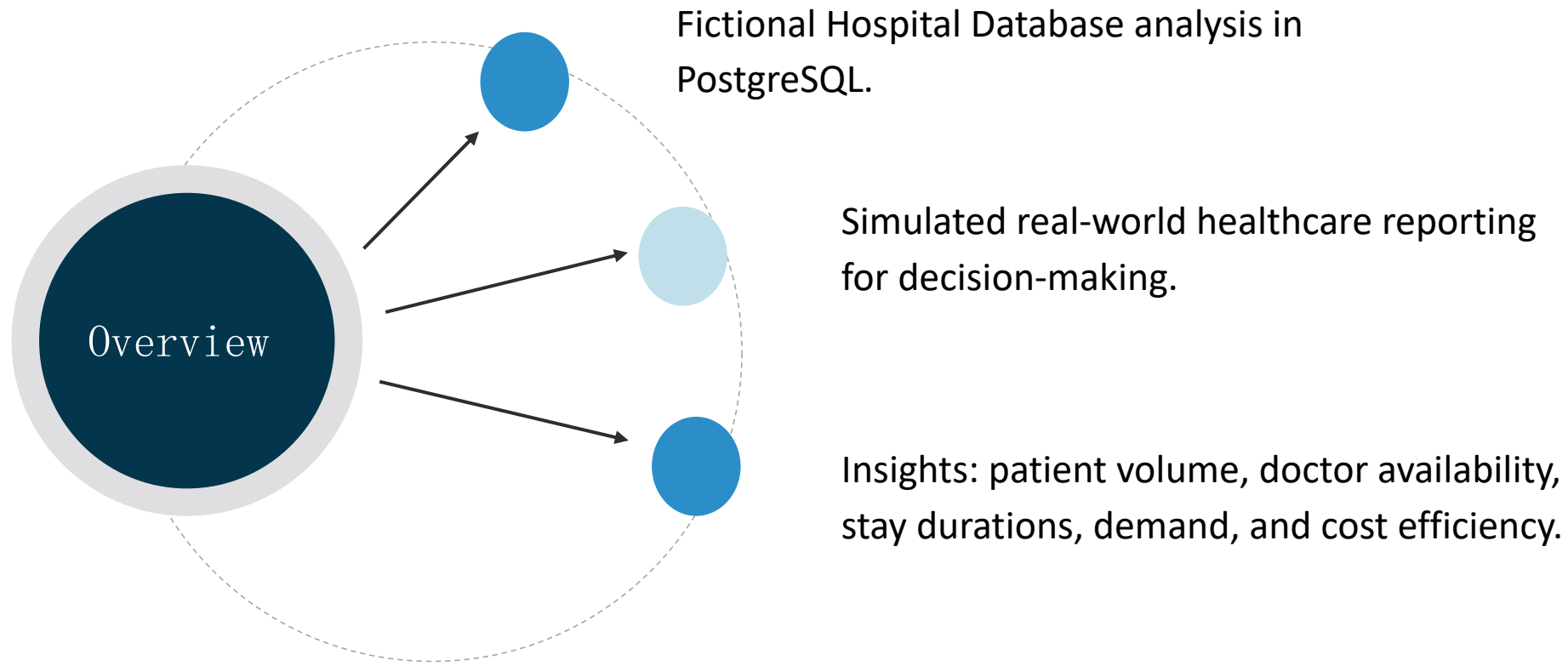


Hospital Data SQL Analysis Project



Project Overview



Dataset Used

Table:
hospital

Columns:

- hospital_name
- location

- department
- patients_count

- doctors_count
- medical_expenses

- admission_date
- discharge_date

Objectives

- Analyze patient loads
- Evaluate doctor availability
- Monitor expenses
- Compare performance city-wise
- Measure stay duration
- Improve efficiency



Business Problems



- City with highest demand



- Total patients treated



- Top expense hospitals



- High/low patient volume departments



- Overburdened departments



- Cost per patient-day



- Avg. stay by department



Methodology



Key Insights



- Total patient volume



- Top crowded departments



- Cost per day per hospital



- Top spending hospital



- Longest stay case

Key Insights



- City-wise patient distribution



- Underutilized departments



- Monthly expenses trend



- Avg. stay duration

Skills Gained



- Business-focused SQL queries



- Date & financial calculations



- Translating KPIs to SQL



- Grouping, ranking, summarizing
- Healthcare data analytics

Sample SQL Queries

Advanced:

patients per city, avg.
doctors, avg. stay by dept,
highest expenses, cost/day,
monthly expenses, least
patient dept, longest stay

Basic:

hospitals in
Bangalore, <50
patients,
admission after
2023-01-01, <10
doctors



Thank You!

Every great presentation is complete with a great audience
— and that's you!

