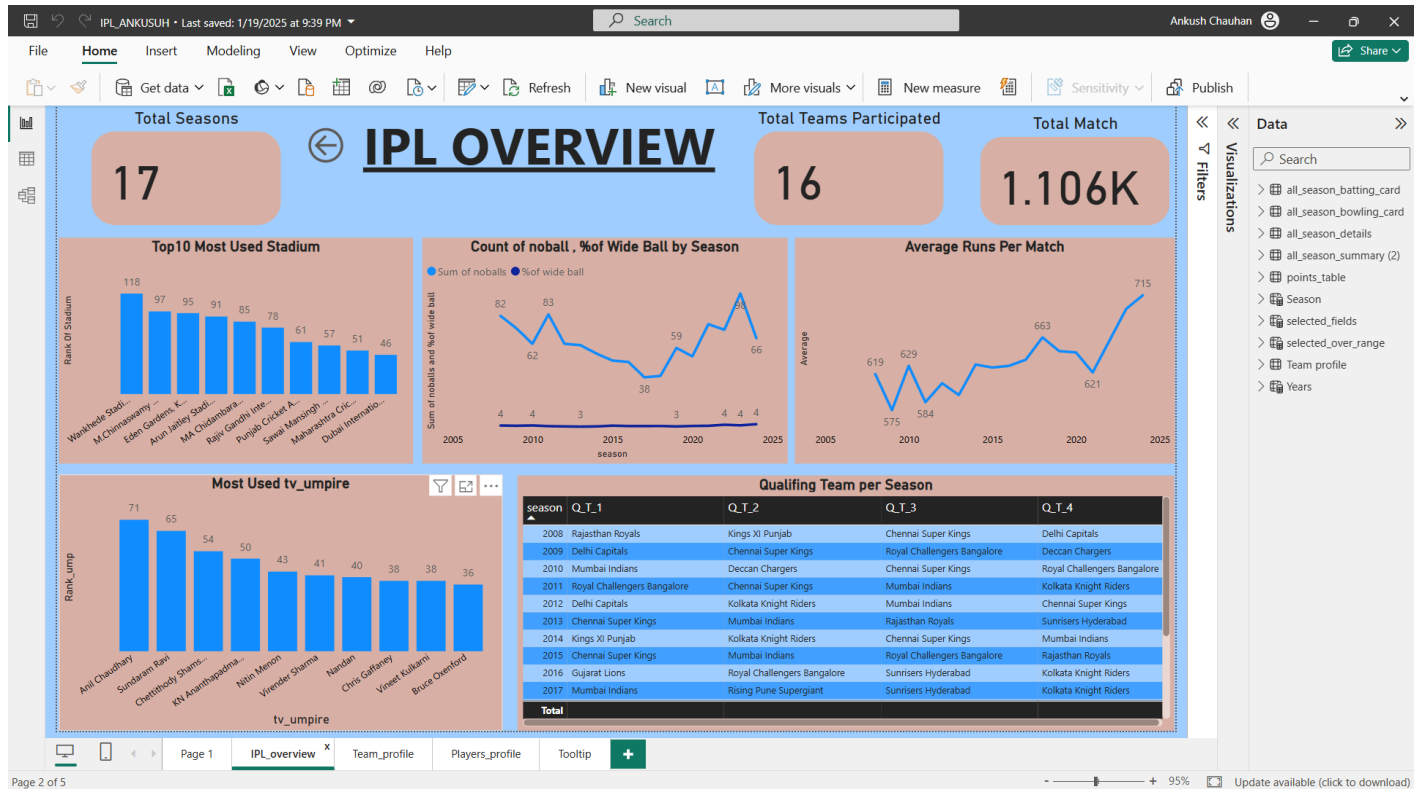
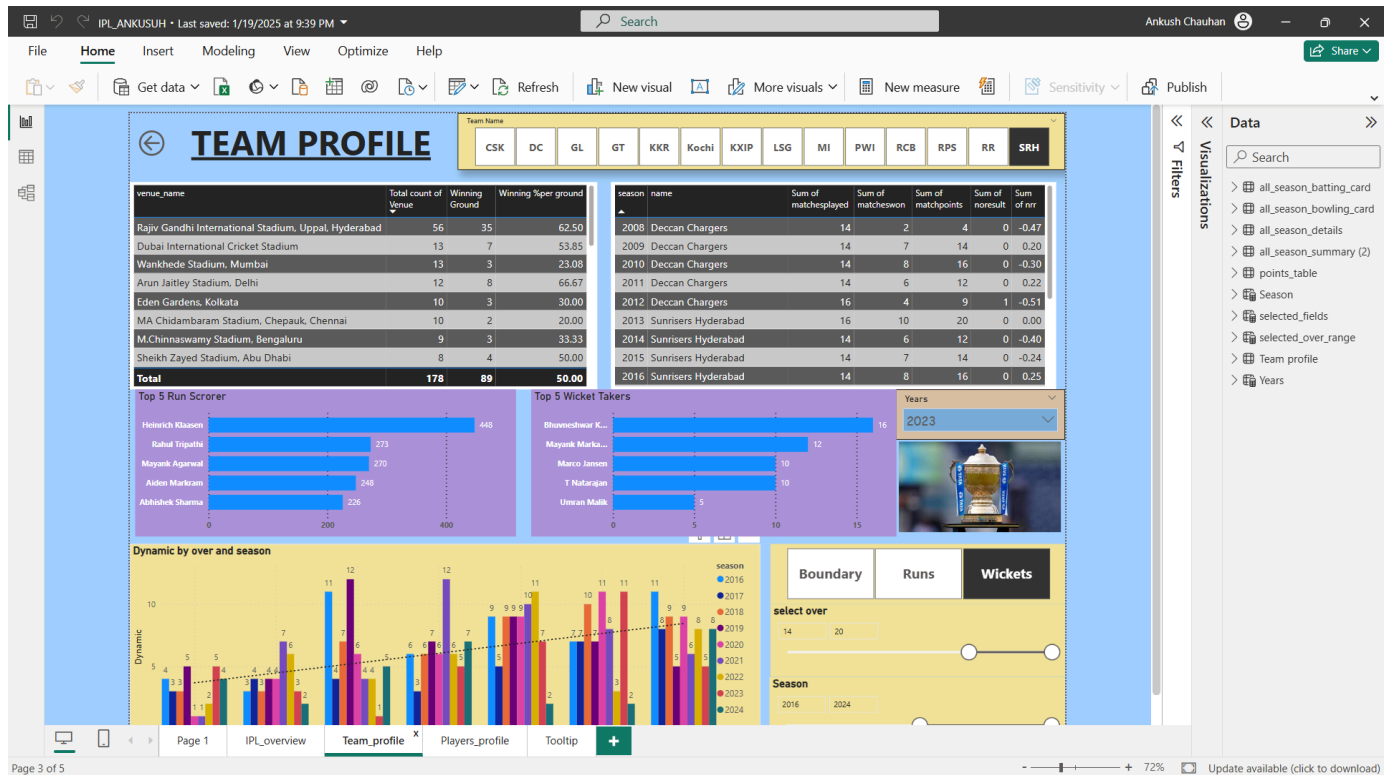
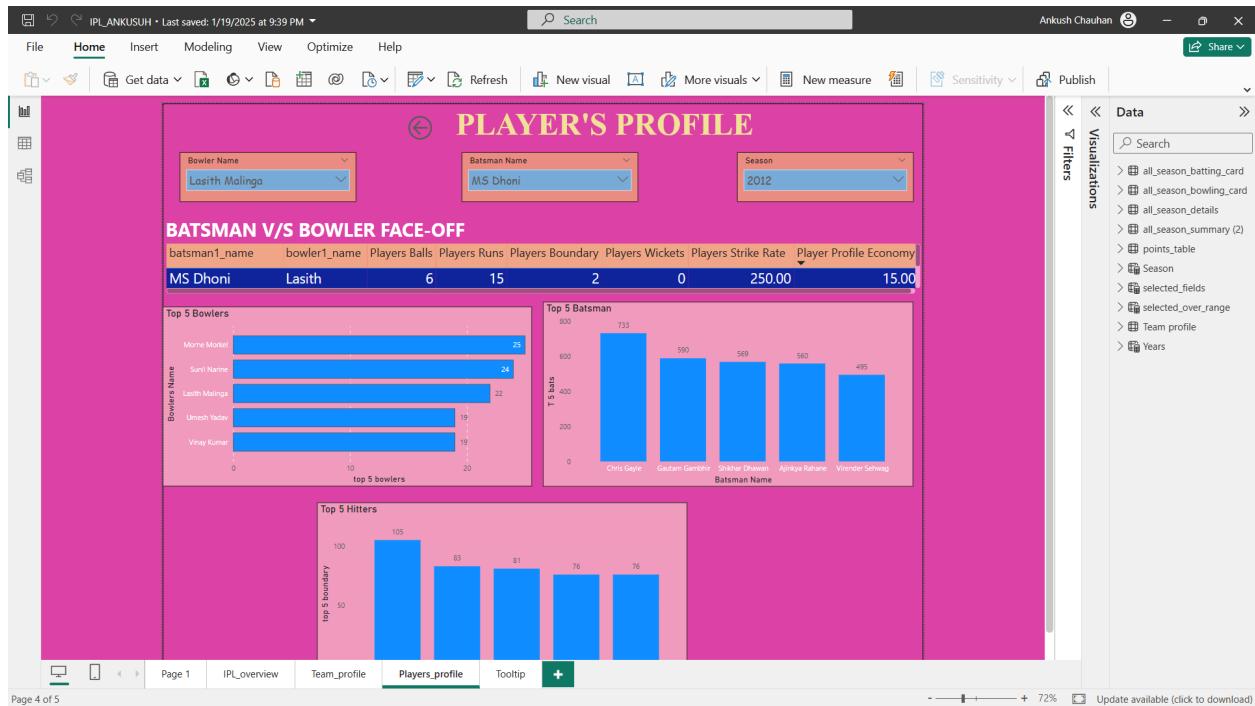


Task 4

Dashboard





Interview Question

2. Key elements of a dashboard:

- Visuals (charts, graphs, cards)
- Filters/Slicers
- KPIs (key metrics)
- Titles & Labels
- Interactivity (buttons, drill-through)

3. What is a KPI?

A KPI (Key Performance Indicator) is a measurable value that shows how well a business is achieving a goal (e.g., sales growth, customer satisfaction).

4. What are slicers in Power BI?

Slicers are visual filters that let users easily filter data in reports (like dropdowns or buttons).

5. Difference between Power BI and Tableau:

- Power BI: Microsoft tool, cheaper, good for beginners, tight Excel integration.
- Tableau: More advanced visuals, better for large data and complex analysis.

6. How to make a dashboard interactive:

- Use slicers
- Add drill-downs
- Use tooltips and buttons
- Enable cross-filtering between visuals

7. Dealing with large datasets:

- Use data aggregations
- Apply filters
- Use import mode instead of DirectQuery
- Optimize data model (remove unused columns)

8. Chart types for trend analysis:

- Line chart
- Area chart
- Column chart (for time-based comparisons)