User Guide

Capstone Project: Power BI Dashboard User Guide - Hospital General Information Dashboard

Team Members: Deepak Arora, Kalai Mani, Ketan Bande, Lakshmi Balaji, Rachit Shah

➢ **Objective**

This dashboard lets healthcare administrators and analysts quickly compare hospital performance, drill into details and run "What-If" scenarios to test improvement initiatives.

• **Data Refresh Instructions**
To ensure the dashboard reflects the most recent data:

1. Open the Power BI Desktop file (Capstone Project.pbix).
2. Navigate to the **Home** tab.
3. Click **"Refresh"** to update all tables and visuals.
4. To schedule refreshes in Power BI Service (published online):
   o Go to **Workspace** → Dataset Settings
   o Set up credentials and a refresh schedule

• **Slicers**
Slicers are interactive filters available on the main dashboard pages. They allow users to explore the data by:

1. Hospital Type
2. Emergency Services
3. Hospital Rating
4. Ownership Type
5. State

• **Key Performance Indicators (KPIs)**
Each dashboard page displays KPIs such as:

1. Total Hospitals
2. High-Performing Hospitals (% rated 4 or 5)
3. Low-Performing Hospitals (% rated 1 to 3)
4. Birthing-Friendly Hospitals %
5. Adjusted % of "Worse" Outcomes in each domain (Mortality, Safety, READM, Pt Exp, TE)

These KPIs update based on slicer selections and What-If parameters.

• **What-If Parameters**
Two dynamic sliders are available:

1. **Rating Threshold** (e.g. 4+ = High Performing)
2. **Measure Improvement %** (simulate reduction in "Worse" outcomes)

To use**:**

   o Adjust the slider under the **"What-If Analysis"** panel.
   o All related DAX measures, visuals, and percentages will instantly update.

For questions or walkthroughs, please contact the project team.