**Summary – Healthcare Dataset Analysis Dashboard**

This Excel-based **Healthcare Dataset Analysis Dashboard** provides a comprehensive overview of patient records across multiple hospitals. The dataset captures key metrics including survival rates, treatment distribution, hospital load, and average discharge times.

**Key Metrics at a Glance:**

| **Metric** | **Value** |
| --- | --- |
| Total Number of Patients | **8,000** |
| Total Number of Deaths | **419** |
| Survivors | **7,581** |
| Patients Currently Under Treatment | **762** |
| Recovered Patients | **6,819** |
| Average Discharge Days | **15 days** |

**Dashboard Features & Visuals**

* **KPI Cards** highlight the most crucial health indicators at a glance.
* **Charts and Graphs** visualize:
  + Patients per hospital and per disease
  + Treatment outcomes (recovered vs deceased)
  + Gender distribution of patients
  + Deaths categorized by medical cause
  + Treatment types (pie chart and bar charts)
* **Interactive Slicers** allow dynamic filtering by:
  + **Age Group**
  + **Hospital**
  + **Type of Treatment**

**Insights Derived:**

* **High Survival Rate**: Approximately 94.8% of patients survived.
* **Major Treatments Administered**: Chemotherapy and Dialysis lead as the most commonly used treatments.
* **Main Causes of Death**: Septic shock and respiratory failure dominate.
* **Hospital Load**: Hope Medical Center and MetroCare Hospital have the highest patient intake.

**Tools & Skills Used:**

* Microsoft Excel
* Pivot Tables & Charts
* Slicers for interactivity
* Data cleaning and categorization
* Dashboard design and visual storytelling

**Dataset Structure:**

| **Column** | **Description** |
| --- | --- |
| Patient ID | Unique identifier |
| Gender | Male/Female |
| Hospital | 7 facility names |
| Admission & Discharge Dates | For calculating length of stay |
| Disease | Diagnosis type |
| Treatment | 7 types (e.g. Surgery, Dialysis) |
| Outcome | Survivor / Deceased / Under treatment |

**Purpose of the Project:**

This dashboard demonstrates practical data analysis skills using Excel and is designed for:

* Healthcare analysts
* Hospital administrators
* Employers looking for data visualization proficiency