**Report Title: COVID-19 Impact & Vaccination Progress Dashboard**

1. **India\_COVID\_Cases.csv** – Daily/total confirmed, active, recovered, and death cases in India.
2. **Global\_Vaccination.csv** – Vaccination doses administered worldwide by country.
3. **Case\_Time\_Series.csv** – Timeline of confirmed, recovered, and death cases globally/India.

**📊 Page 1: COVID-19 India Overview**

**KPIs:**

* 🧪 **Total Confirmed Cases (India)**
* 💚 **Total Recovered Cases**
* 🏥 **Active Cases (Calculated: Confirmed - Recovered - Deaths)**
* ⚰️ **Total Deaths**

**Visuals:**

* **Line Chart:** Daily trend of Confirmed vs Recovered vs Deaths
* **Stacked Area Chart:** Active vs Recovered vs Deaths over time
* **Map (Optional):** Indian states with confirmed cases (if state-wise data is available)

**Filters/Slicers:**

* Date
* State (if applicable)

**📊 Page 2: Global Vaccination Progress**

**KPIs:**

* 🌍 **Total Doses Administered**
* 💉 **Countries with Highest Vaccination Rates**
* 💯 **Fully Vaccinated Population (if available)**

**Visuals:**

* **Bar Chart:** Top 10 countries by total vaccine doses
* **World Map:** Vaccination data by country
* **Pie Chart or Donut Chart:** Share of total vaccinations by region

**Filters/Slicers:**

* Continent
* Country
* Date

**📊 Page 3: COVID-19 Trends Over Time**

**KPIs:**

* 📆 **7-Day Moving Average of Cases (Optional DAX Measure)**
* ⏳ **Peak Infection Period**

**Visuals:**

* **Line Chart:** New cases per day (India + Global)
* **Bar/Column Chart:** New deaths per day
* **Slicer:** Country selector to compare multiple countries’ case trends

**📊 Page 4: Comparative Analysis**

**Visuals:**

* **Table or Matrix:** Compare India vs USA vs Brazil (or any top affected countries)
* **Clustered Bar Chart:** Vaccination Rate vs Case Fatality Rate (per country)
* **Bubble Chart:** Cases vs Deaths vs Vaccination Rate (by population size)

**📊 Page 5: Key Insights & Recommendations (Optional)**

**Text Cards or Tiles:**

* Insight 1: When did India reach peak daily cases?
* Insight 2: Has vaccination reduced death rates?
* Insight 3: Which countries controlled the spread most effectively?

**You Can Add:**

* DAX measures like:

DAX

CopyEdit

ActiveCases = [ConfirmedCases] - [RecoveredCases] - [Deaths]

CaseFatalityRate = DIVIDE([Deaths], [ConfirmedCases])

VaccinationRate = DIVIDE([VaccinatedPeople], [Population])

**🖌️ Design Suggestions**

* Use consistent color themes:
  + Red (Deaths), Green (Recovered), Blue (Confirmed), Yellow (Vaccinated)
* Apply background gradients or card visuals for KPIs
* Keep slicers at the top or left sidebar for clean interaction