## 13. Attrition by Job Role Table

- **Graph Type**: Table
- **Insight**: This provides a detailed breakdown of the number of employees leaving by each job role and their years at the company. Notable points:
  - **Sales Executive** has seen **57** employees leaving, distributed across 1-4 years.
  - **Laboratory Technicians** have seen **62** employees leaving, with a large portion (20) leaving in their second year.

This dashboard provides comprehensive insights into the attrition patterns within the organization, showing how factors like gender, age, salary, education, job role, and tenure are contributing to employee turnover. Let me know if you'd like further analysis or specific recommendations!
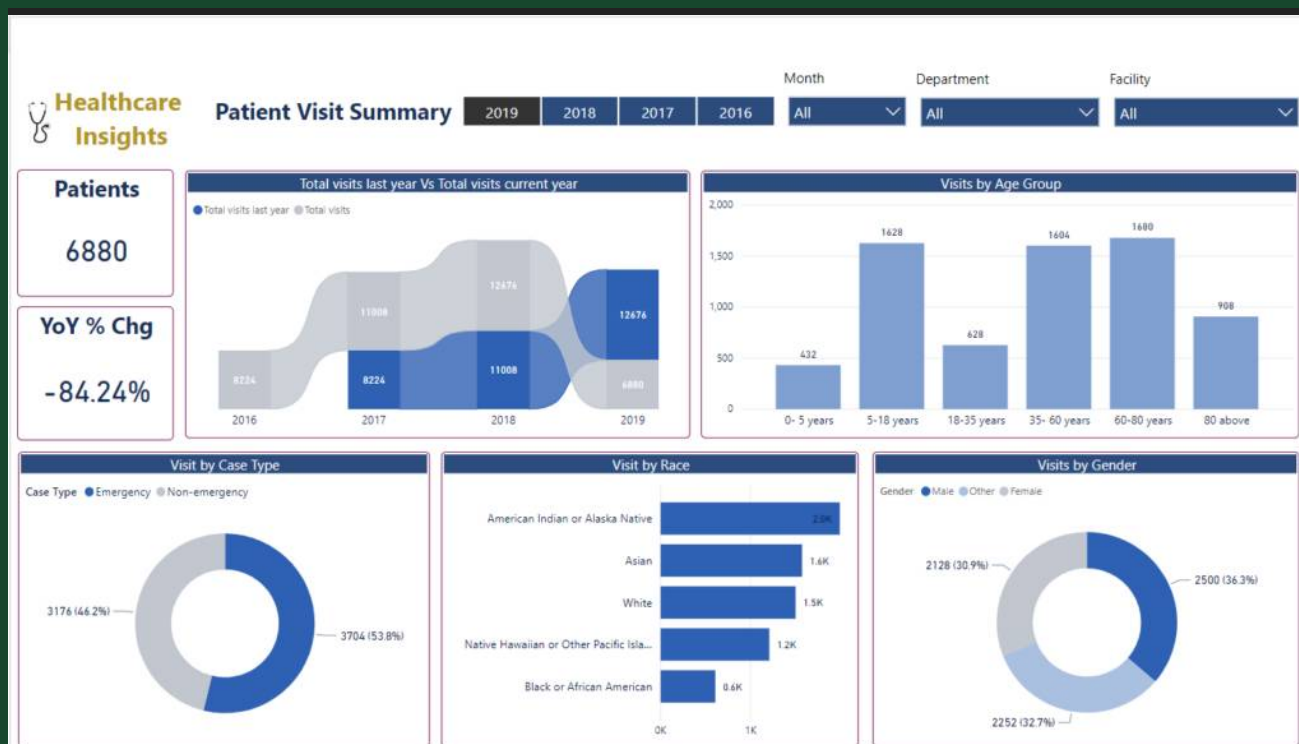
Let's analyze the insights from the **Healthcare Insights - Patient Visit Summary** dashboard:

1. Patients

- **Graph Type**: Key Figure
- **Insight**: The total number of patients is **6,880**.

2. YoY % Chg (Year-over-Year Percentage Change)

- **Graph Type**: Key Figure
- **Insight**: There's been a significant **-84.24%** decline in patient visits compared to the previous year.

3. Total Visits Last Year vs Total Visits Current Year

- **Graph Type**: Area Chart
- **Insight**:
  - The trend shows that patient visits increased from **8,224** in 2016 to **12,476** in 2019, but the **current year** (2019) visits show a drop down to **6,880**.
  - A consistent increase was observed from 2016 through 2018, but the current year saw a significant reduction.

4. Visits by Age Group

- **Graph Type**: Bar Chart
- **Insight**:
  - The **60-80 years** age group had the highest number of visits (**1,680**).
  - Other notable age groups include:
    - **5-18 years**: **1,628 visits**
    - **35-60 years**: **1,604 visits**
    - The age groups **18-35 years** and **80+ years** had lower visits at **628** and **908** respectively.

5. Visit by Case Type

- **Graph Type**: Donut Chart
- **Insight**:
  - Most visits were **non-emergency** cases, making up **53.8%** (3,704 visits).
  - **Emergency** cases made up **46.2%** (3,176 visits).

6. Visit by Race

- **Graph Type**: Bar Chart
- **Insight**:
  - Most visits were from:
    - **American Indian or Alaska Native** patients (2.0K).
    - **Asian** patients (1.6K).
    - **Black or African American** patients (1.5K).
    - **Native Hawaiian or Other Pacific Islander** patients had the least visits at **1.2K**.

7. Visits by Gender

- **Graph Type**: Donut Chart
- **Insight**:
  - **Male** patients made up the largest portion of visits (**36.3%**, 2,500 visits).
  - **Female** patients accounted for **32.7%** (2,252 visits).
  - Patients categorized as **Other** made up **30.9%** (2,128 visits).

This dashboard provides valuable insights into the distribution of patient visits across various demographics such as age, gender, race, and case type (emergency vs. non-emergency). It also highlights a significant decline in patient visits in the current year, likely a critical point of focus for healthcare administrators.

Let me know if you'd like further analysis or insights from this data!
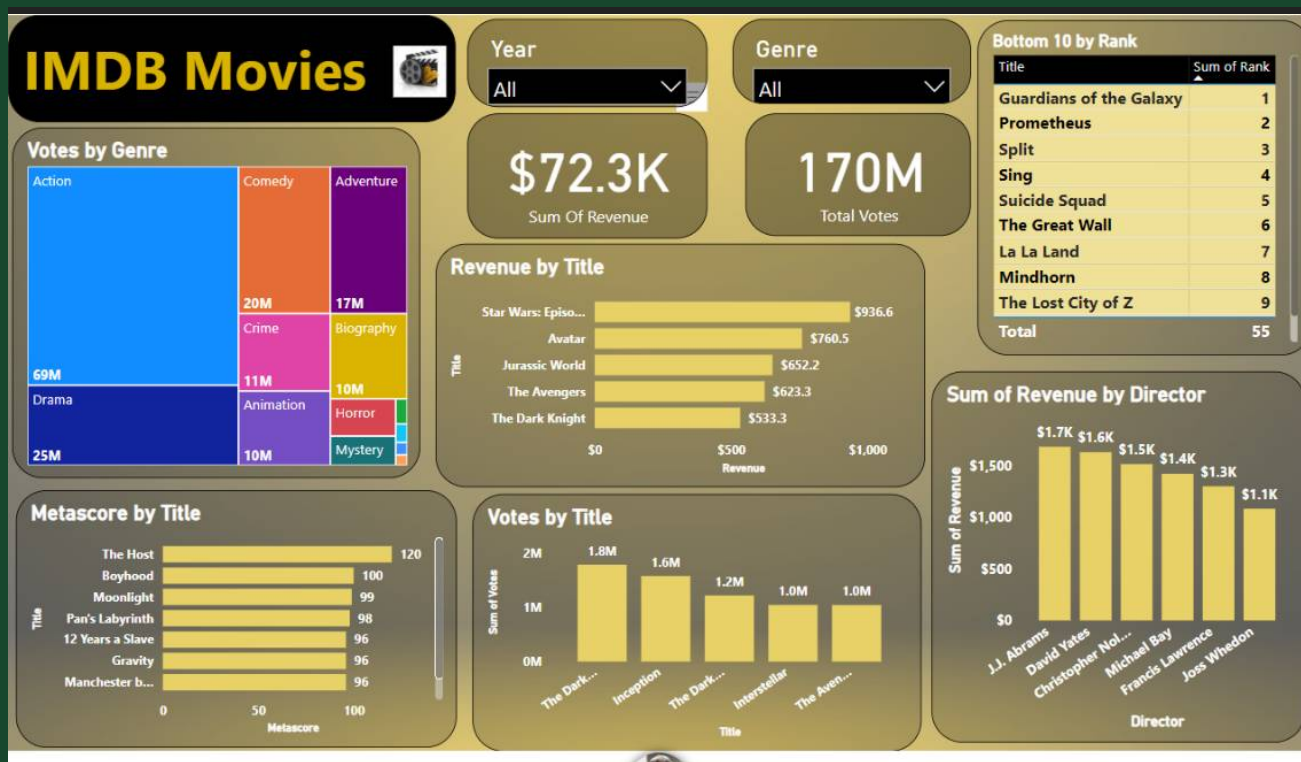
This **IMDB Movies Dashboard** presents a comprehensive analysis of movie data, focusing on various categories such as genre, revenue, votes, and director performance. Let's break down each section:

1. Votes by Genre

- **Graph Type**: Tree Map
- **Insight**:
  - The **Action** genre dominates with **69M votes**, followed by **Drama** with **25M**.
  - Other popular genres include:
    - **Comedy**: 20M
    - **Adventure**: 17M
    - **Crime**: 11M
- Less popular genres are **Biography, Animation, Horror, and Mystery**.

2. Sum of Revenue

- **Graph Type**: Key Figure
- **Insight**:
  - The total revenue generated by all movies in the dataset is **$72.3K**.

3. Total Votes

- **Graph Type**: Key Figure
- **Insight**:
  - The total number of votes across all movies is a significant **170M**.

4. Revenue by Title

- **Graph Type**: Bar Chart
- **Insight**:
  - The top revenue-generating movie is **Star Wars: Episode VII** with **$936.6M**.
  - Other notable titles include:
    - **Avatar**: **$760.5M**
    - **Jurassic World**: **$652.2M**
    - **The Avengers**: **$623.3M**
    - **The Dark Knight**: **$533.3M**

5. Bottom 10 by Rank

- **Graph Type**: Table
- **Insight**:
  - The movies ranked lowest include:
    1. **Guardians of the Galaxy**
    2. **Prometheus**
    3. **Split**
    4. **Sing**
    5. **Suicide Squad**
    - The list continues with other titles like **The Great Wall** and **La La Land**.

6. Sum of Revenue by Director

- **Graph Type**: Bar Chart
- **Insight**:
  - The highest revenue was generated by **J.J. Abrams** with **$1.7K**, followed by:
    - **David Yates**: **$1.6K**
    - **Christopher Nolan**: **$1.5K**
    - **Michael Bay**: **$1.4K**
    - **Francis Lawrence** and **Joss Whedon** also have notable contributions.

7. Metascore by Title

- **Graph Type**: Bar Chart
- **Insight**:
  - **The Host** received the highest Metascore of **120**, followed by:
    - **Boyhood: 100**
    - **Moonlight: 99**
    - **Pan's Labyrinth: 98**
    - Several other movies received a Metascore of **96** (e.g., **12 Years a Slave, Gravity, Manchester by the Sea**).

8. Votes by Title

- **Graph Type**: Bar Chart
- **Insight**:
  - **The Dark Knight** leads with **1.8M votes**, followed by:
    - **Inception**: **1.6M**
    - **The Dark Knight Rises**: **1.2M**
    - **Interstellar**: **1.2M**
    - **The Avengers**: **1.0M**

Summary:

This dashboard provides detailed insights into the popularity of movie genres, revenue distribution, director performance, and audience engagement through votes and metascores. It highlights the dominant presence of action and drama genres, top-grossing movies, and well-performing directors.

Let me know if you'd like additional analysis or any specific breakdown!
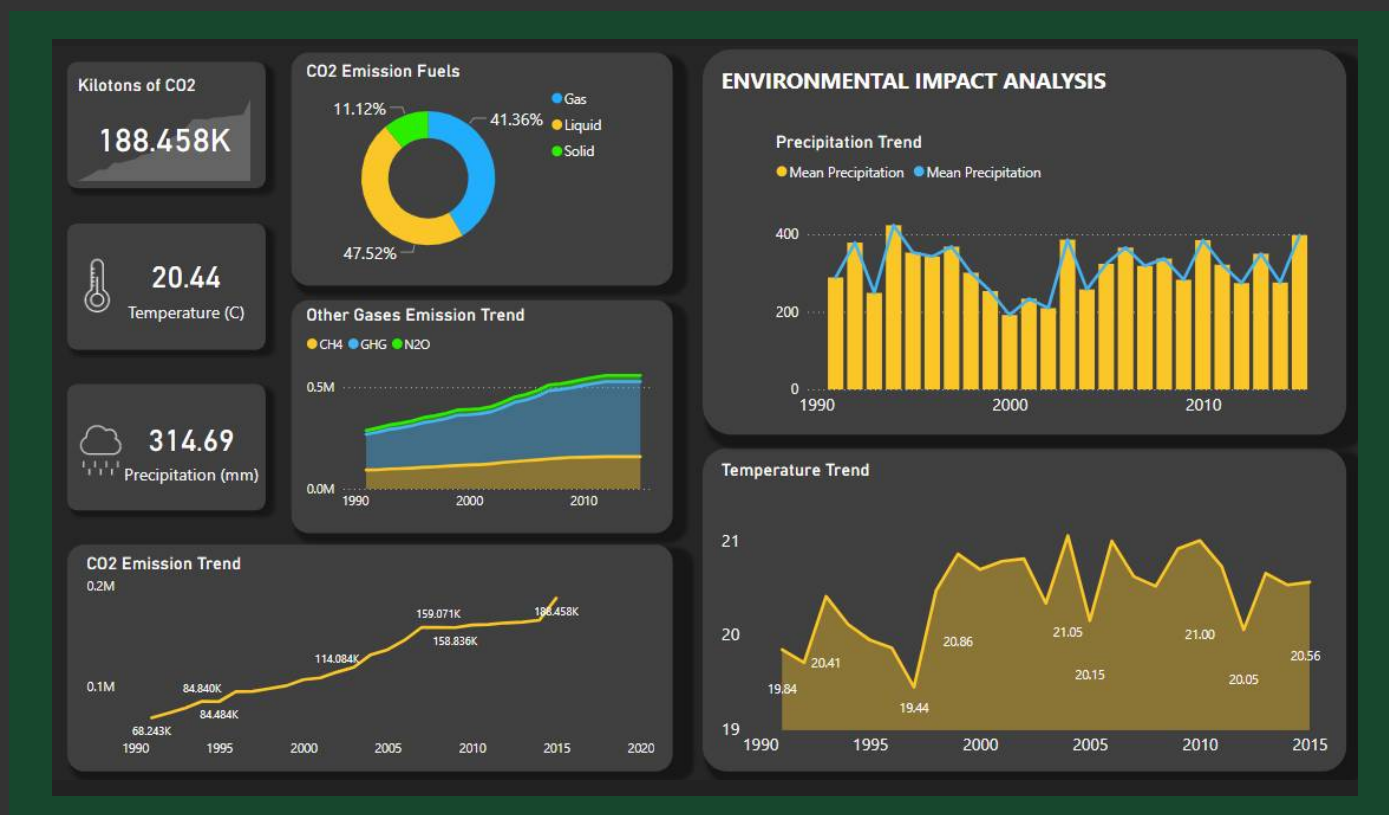
This **Environmental Impact Analysis Dashboard** provides insights into CO2 emissions, other greenhouse gases (GHG), and environmental factors such as temperature and precipitation trends. Here's an analysis of each section:

1. Kilotons of CO2

- **Graph Type**: Key Figure with a Trend Line
- **Insight**:
    - CO2 emissions have reached **188.458K kilotons**, showing a significant rise from earlier values (e.g., **68.243K kilotons** in 1990).
    - The upward trend in CO2 emissions is a concerning indicator of environmental impact.

2. CO2 Emission Fuels

- **Graph Type**: Donut Chart
- **Insight**:
    - **47.52%** of CO2 emissions come from **solid fuels**, while **41.36%** are from **liquid fuels**.

- **Gas fuels** contribute the least at **11.12%**.

3. Temperature

- **Graph Type**: Key Figure
- **Insight**:
  - The average recorded temperature is **20.44°C**.

4. Precipitation

- **Graph Type**: Key Figure
- **Insight**:
  - The average precipitation is **314.69 mm**.

5. Other Gases Emission Trend

- **Graph Type**: Stacked Area Chart
- **Insight**:
  - Emissions of other greenhouse gases (e.g., **CH4**, **GHG**, **N2O**) have shown a gradual increase from **1990** to **2015**.
  - This growth signals increasing levels of multiple harmful gases in the atmosphere.

6. Precipitation Trend

- **Graph Type**: Line & Bar Chart
- **Insight**:
  - Precipitation levels have fluctuated significantly between **1990 and 2015**, with peaks observed in the mid-1990s and early 2000s.
  - The comparison of **mean precipitation** shows variability in annual rainfall patterns.

7. CO2 Emission Trend

- **Graph Type**: Line Graph
- **Insight**:
  - CO2 emissions have steadily increased over time, from **68.243K** kilotons in **1990** to the current **188.458K** kilotons.
  - There was a sharp rise after **2000**, showing increased industrial activity or energy consumption.

8. Temperature Trend

- **Graph Type**: Line Graph
- **Insight**:
  - The temperature has shown fluctuations but a general warming trend.
  - Average temperatures increased from **19.84°C** in **1990** to peaks of **21°C** in the early 2000s, stabilizing at **20.56°C** in **2015**.

Summary:

This dashboard provides a clear view of the environmental impact, showing rising CO2 and other gas emissions, fluctuating precipitation patterns, and a noticeable increase in global temperatures. The data highlights the ongoing effects of climate change and industrialization on the environment.