

# Greatest Hollywood Actors of All Time Data Analytics Dashboard Report

## POWER BI Project Analysis: Greatest Hollywood Actors of All Time Data Analytics Dashboard

### Project Objective

The objective of this project is to analyze and visualize the achievements of Hollywood's greatest actors by aggregating data on major awards such as Oscars, BAFTA, and Golden Globes. The dashboard provides insights into the win rates, nominations, country/state of birth trends, and the actors with the most successful careers based on industry recognition.

### Key Questions (KPIs) Addressed

- How many Oscars, BAFTA, and Golden Globe awards have been won?
- What are the total nominations and win rates for these awards?
- Which actors have the most award wins?
- Which countries and cities have produced the most award-winning actors?
- What is the total number of years active for these actors?
- Which actors have performed in the greatest movies of all time?

### Process

1. **Data Collection:**
  - Sourced data from Kaggle, compiling award statistics for top Hollywood actors.
2. **Data Cleaning & Processing:**
  - Removed duplicates, handled missing values, and ensured accurate categorization of actors.
3. **Data Analysis & Visualization:**
  - Built key performance indicators (KPIs) such as total awards, win rates, and actor demographics.
  - Used Power BI for interactive data visualization.
4. **Insights Extraction:**
  - Identified trends related to award wins, city/state of birth influence, and performance in great movies.

### Project Insights

1. **Total Award Counts:**
  - **Oscars Won:** 90

- **BAFTA Won:** 82
- **Golden Globes Won:** 134
- **Total Nominations:** 1152 (Oscars: 357, BAFTA: 299, Golden Globes: 496)

## 2. Win Rates:

- **Golden Globe Win Rate:** 27%
- **BAFTA Win Rate:** 27%
- **Oscar Win Rate:** 25%

## 3. Top Actors by Award Wins:

- Clint Eastwood leads with **6 greatest movie performances**.
- Leonardo DiCaprio and Robert De Niro follow with **5** each.

## 4. Awards by Country of Birth:

- **United States** dominates with **64 Oscars (71%)**.
- **United Kingdom** follows with **16 Oscars (18%)**.

## 5. City & State-Level Trends:

- **Highest Award-Winning Cities:** Los Angeles, Newton, and Chicago show strong representation.
- **State-Level Analysis:** A geographic heatmap highlights major award-winning states.

## Final Conclusion

The analysis reveals that Hollywood's most decorated actors predominantly hail from the U.S. and the U.K., with a high concentration in cities like Los Angeles and Chicago. Win rates across award categories range from **25% to 27%**, indicating a competitive industry. Clint Eastwood, Leonardo DiCaprio, and Robert De Niro have significantly contributed to iconic Hollywood performances. This dashboard provides a powerful tool for analyzing award trends and understanding the legacy of Hollywood's greatest actors.