Nobel Prize Trends (1901–2023)

Stakeholder Insights & Interactive Dashboard
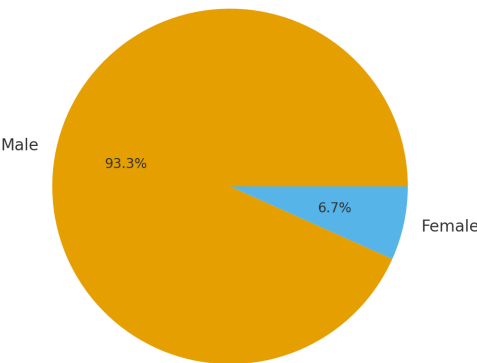
Project Goals

- Analyze Nobel Prize data (1901–2023)
- Explore demographic and geographic trends
- Deliver insights via interactive dashboard
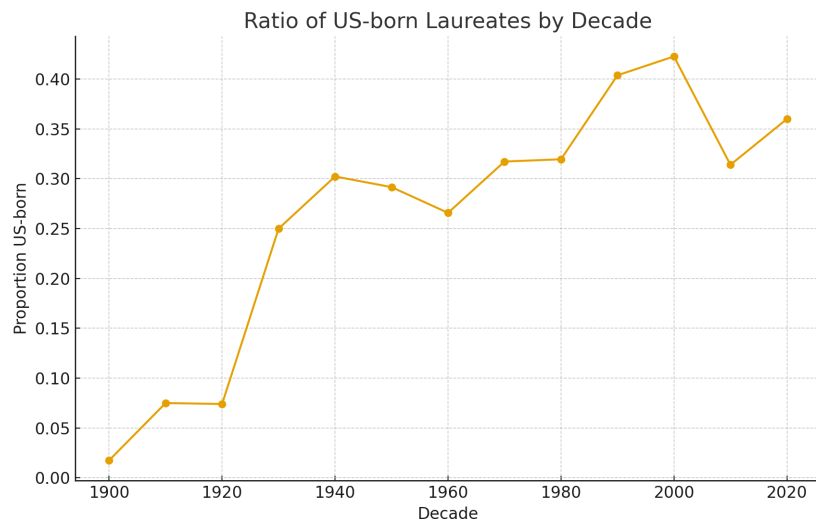
Dataset Overview

- Source: Nobel Prize dataset
- Time span: 1901–2023
- Features: Year, Category, Birth Country, Sex, Motivation
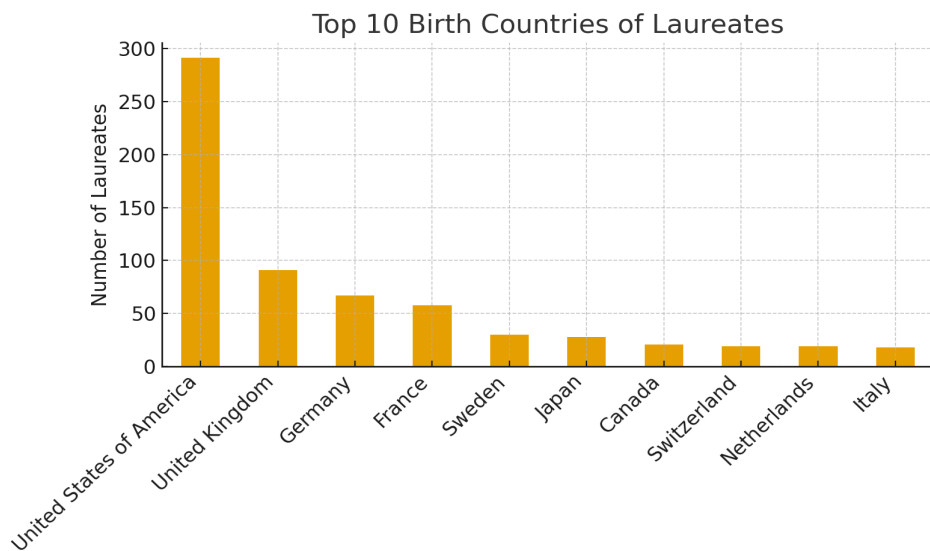- Derived: decade, is_female, is_us_born

Gender Distribution

Gender Distribution of Nobel Laureates

Male 93.3%   6.7% Female

US-born Laureates Over Time

Ratio of US-born Laureates by Decade

Top Countries of Birth

Top 10 Birth Countries of Laureates

Interactive Dashboard Demo

• Filter by category and decade
• Gender trends visualization
• US-born laureates ratio
• Top countries analysis

Recommendations

- Enrich dataset with affiliations & socioeconomic data
- Build predictive models

- Enhance dashboard with laureate search & interactive maps

Closing

Thank you! Explore the dashboard & GitHub repo