Automated Insight Engine:
Netflix Data Intelligence Report

End-to-End AI-Driven Reporting Pipeline for Automated Analytics

Executive Summary:

This automated report analyzes 8,807 Netflix titles and converts raw data into executive-ready insights.

The system demonstrates a fully automated data pipeline that ingests data, processes it using Python,

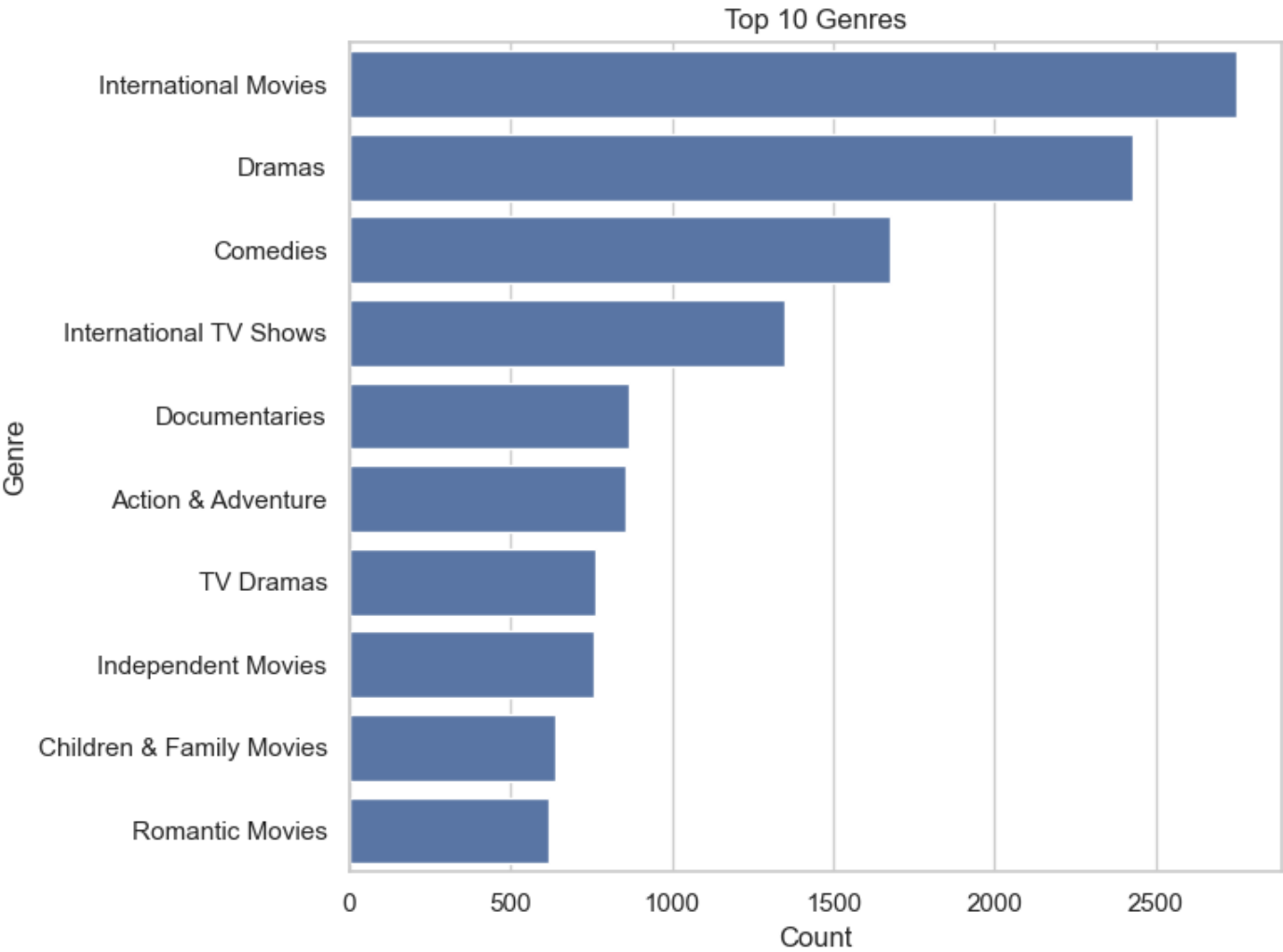generates analytical visuals, and outputs complete reports without manual effort.

Key Insights:

- Movies dominate Netflix content with over 6,000 titles.

- International Movies, Dramas, and Comedies lead as top genres.

- Title additions peaked around 2019, showing accelerated growth post-2015.

- TV-MA is the dominant content rating on Netflix.

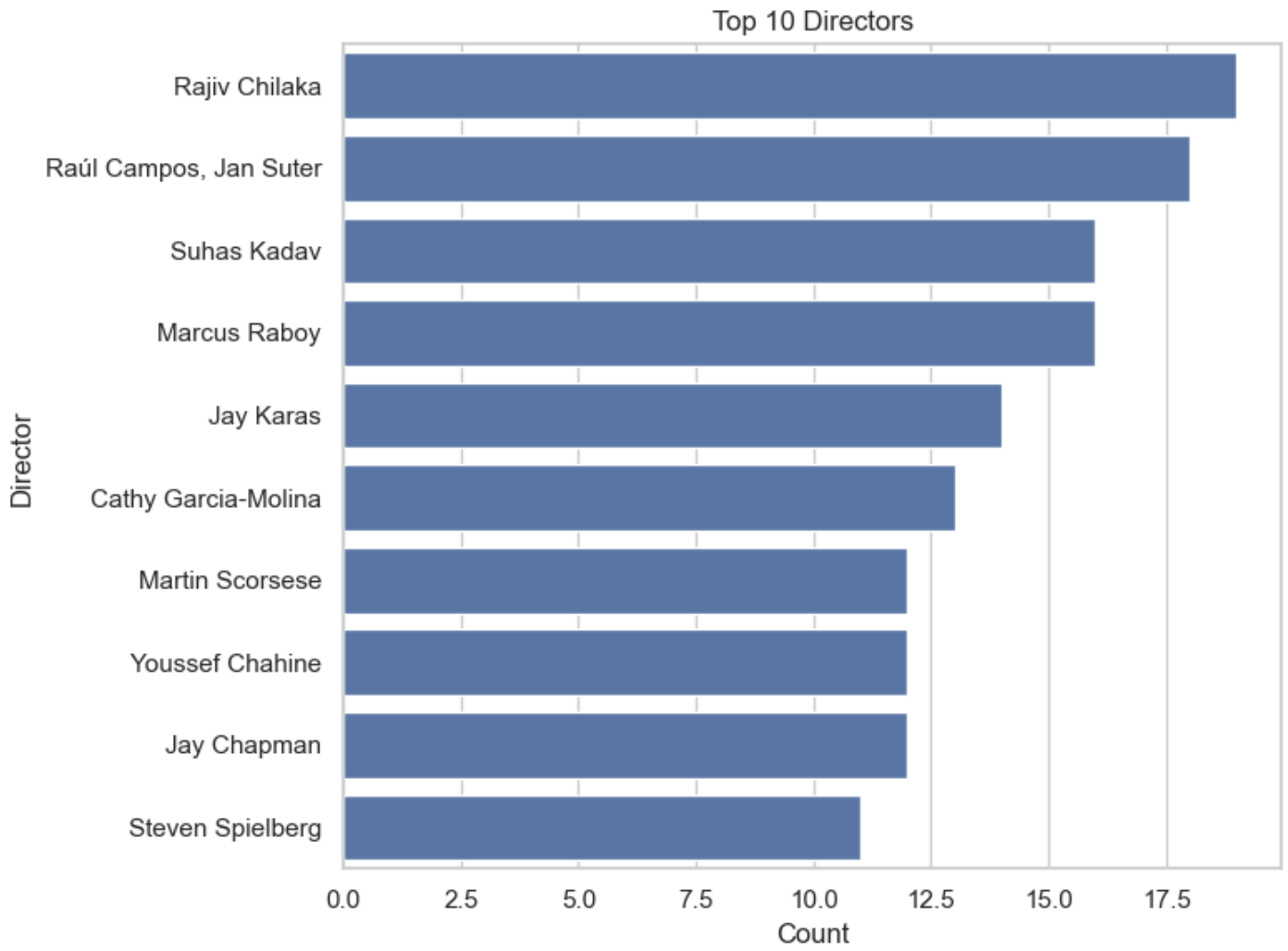- Rajiv Chilaka and Raul Campos are the most represented directors.

Business Value:

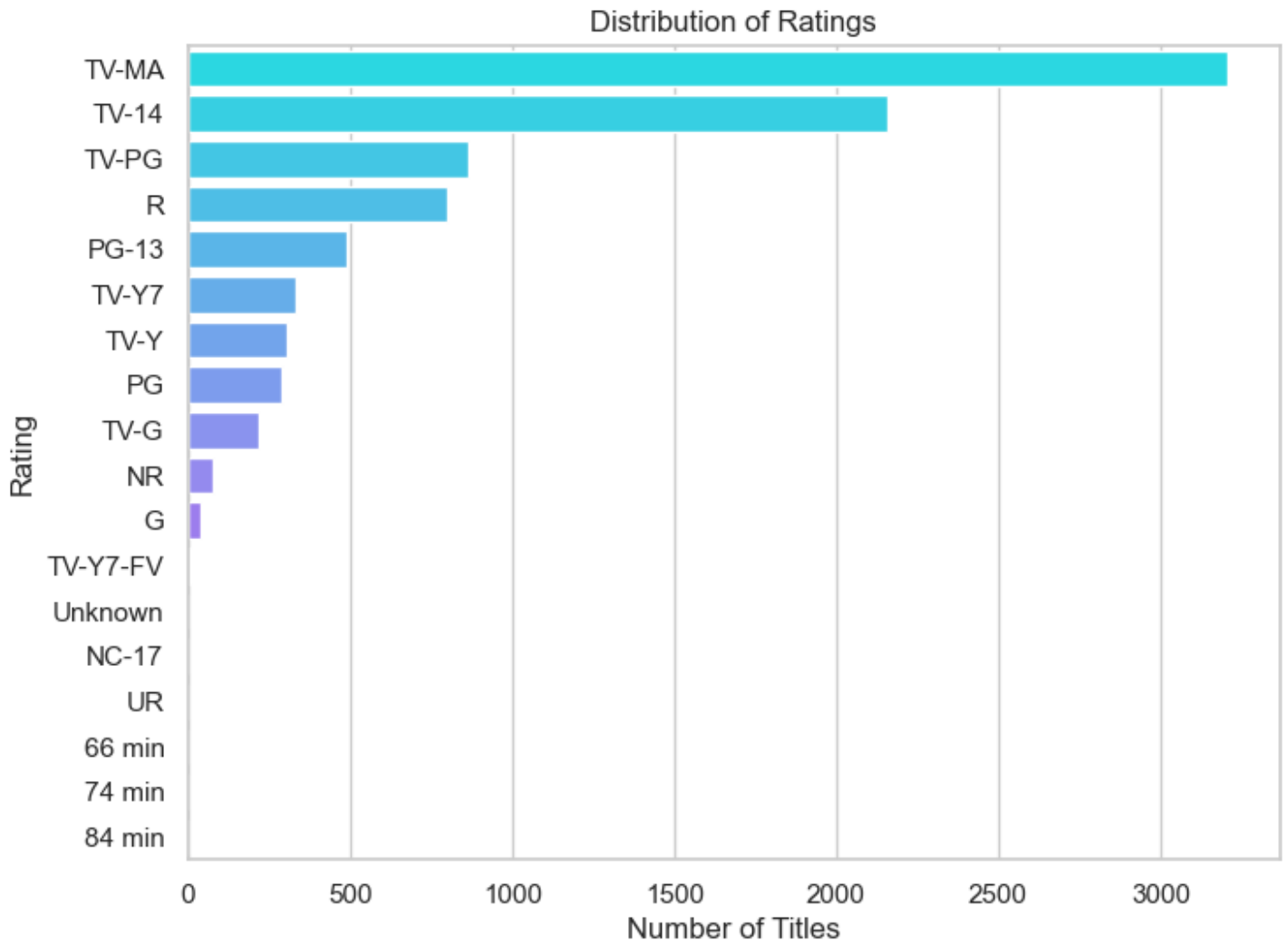The Automated Insight Engine eliminates manual reporting, reduces errors, and delivers rapid insights.
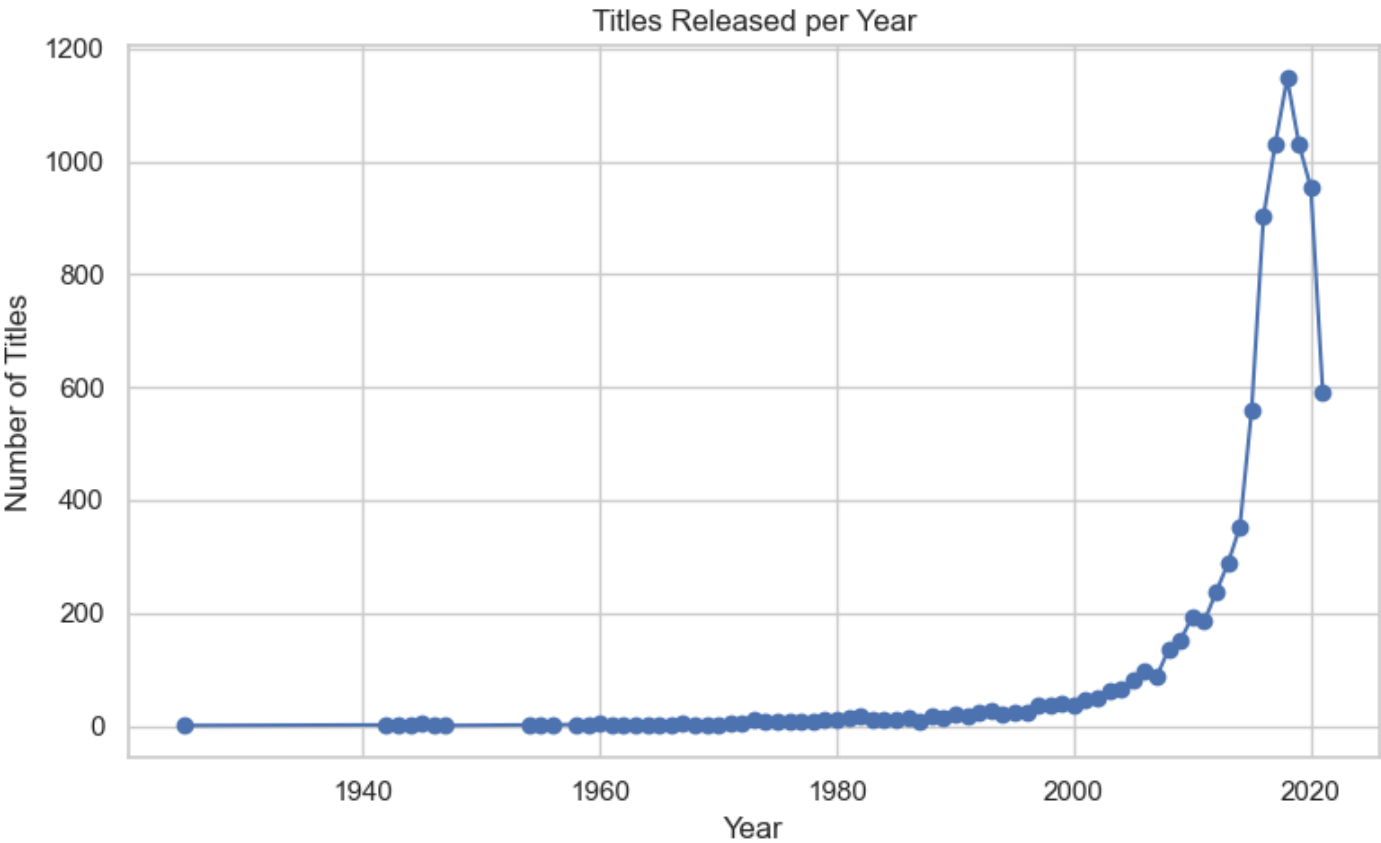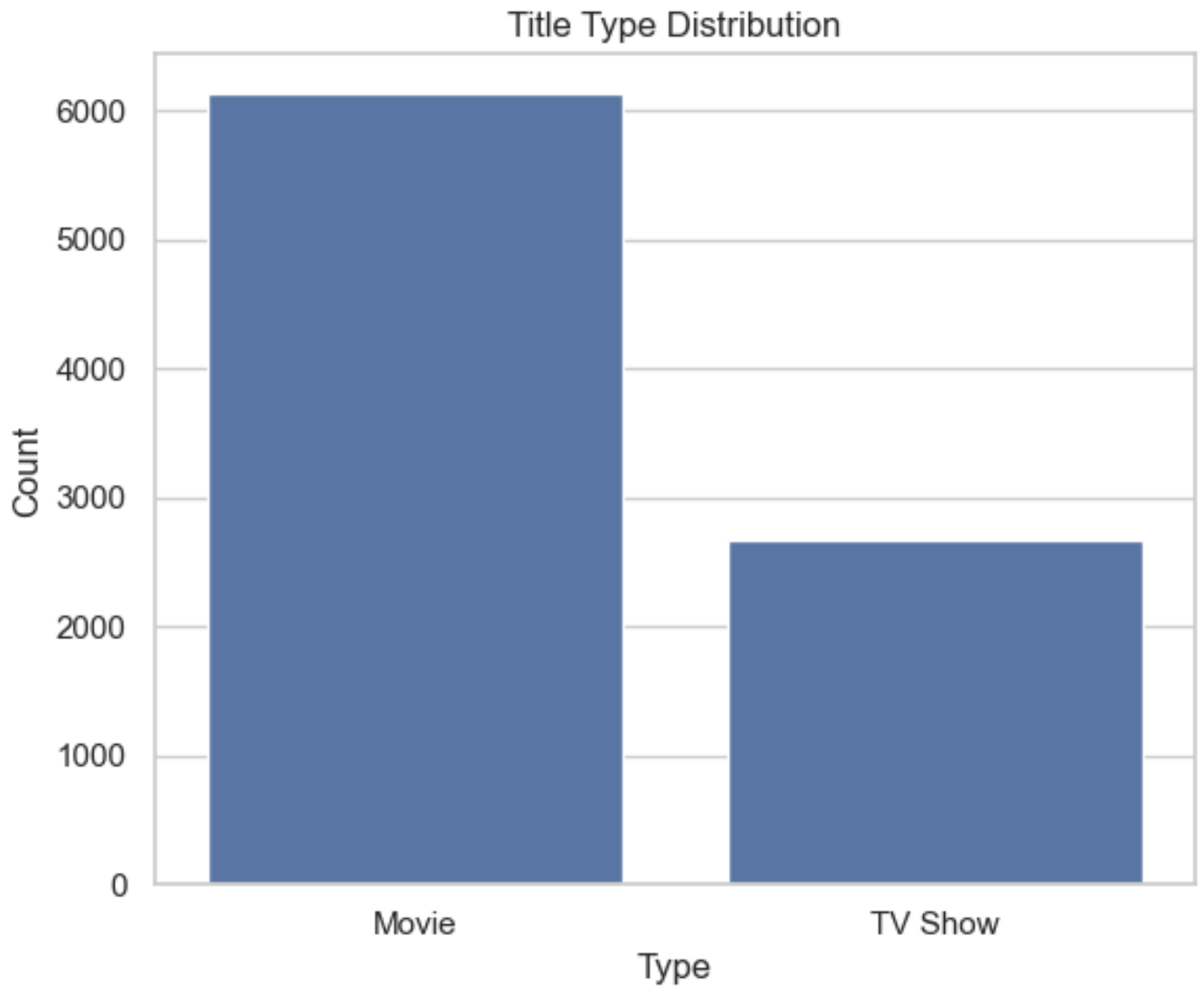
Top 10 Genres

Top 10 Genres

Top 10 Directors

Top 10 Directors

Rating Distribution

Distribution of Ratings

Titles Released per Year

Titles Released per Year

Title Type Distribution

Title Type Distribution

Average Duration by Type

Average Duration by Type