

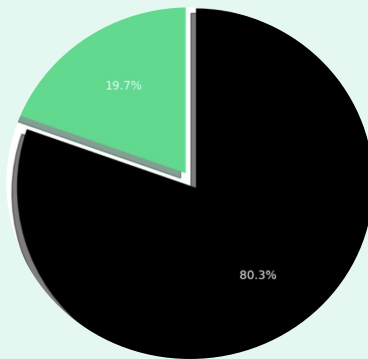
The background is a solid green color. In the center, there is a white rectangular banner with the text "UNDERSTANDING THE STREAMING ECOSYSTEM" in green, serif, all-caps font. The banner is split into two parts: the top part contains "UNDERSTANDING THE STREAMING" and the bottom part contains "ECOSYSTEM". Behind the banner, there are several movie-related items: a large pile of yellow popcorn at the top, a black and white striped clapperboard to the right, a green movie ticket with a white play button icon to the right of the clapperboard, and a black smartphone in the foreground displaying a large white play button icon on its screen. To the left of the smartphone is a black and white striped cup with a black lid and a black straw.

# UNDERSTANDING THE STREAMING ECOSYSTEM

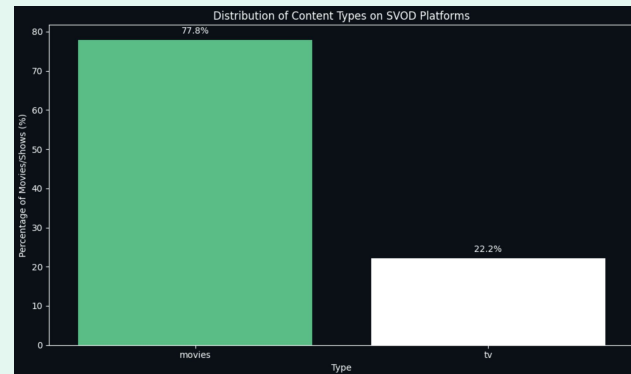
By: Shreya, Sahiti Reddy, Anh Tuyet To, Eli Young

# Focus: Subscription Video on Demand (SVOD)

We focus specifically on subscription-based video-on-demand (SVOD) platforms, narrowing our analysis to major players such as Netflix, Amazon Prime, Disney+, Hulu Plus, Peacock, HBO Max, Apple TV+, and YouTube Premium (~19.7% of all data -Figure 1). These platforms represent the core of the paid streaming ecosystem and consistently rank among the top SVOD services in US.



*Figure 1: Contribution of SVOD*



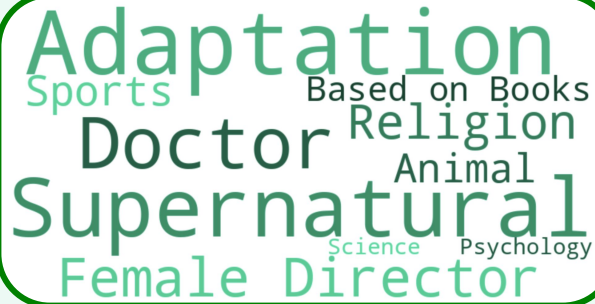
*Figure 2: Distribution of Content Type in SVOD*

## Methodology:

- To standardize content segmentation by target audience, we grouped individual age ratings into broader age categories as follows: '7+' → Kids | '13+' → Teens | '16+' → Older Teens | '18+' → Adults | 'all' → All Ages | 'Non-Rated' → Unrated. This mapping allowed for consistent age-group analysis across titles with varying rating formats.
- Defining a Gap: For each service, we calculated the percentage of its catalog targeted at each age group. If an age group represented less than 10% of a platform's total content offerings, we flagged this as a content gap for that age-group.

# Content Types Favored by Streaming Platforms

Streaming platforms favor content that blends emotional resonance with broad audience appeal, often prioritizing themes like love, family, and friendship alongside popular genres such as drama, comedy, and documentary. These elements consistently drive viewer engagement and high IMDb ratings.



A word cloud containing the following terms: Adaptation, Doctor, Supernatural, Female Director, Religion, Animal, Science, Psychology, Sports, and Based on Books. The words are in various shades of green and blue, with 'Adaptation' and 'Supernatural' being the largest.

*Figure 3: Top 10 most popular tags*

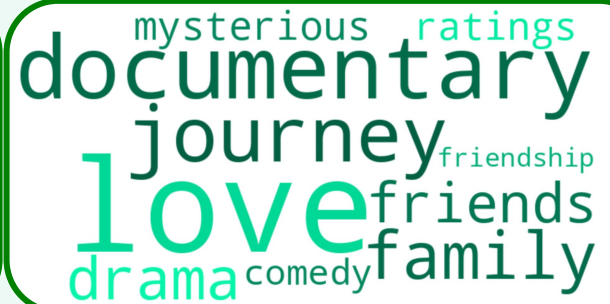
Streaming platforms tend to prioritize content that features strong narrative hooks and familiar tropes, such as *Adaptation*, *Supernatural*, and *Doctor*, which are among the most frequently tagged themes.



A word cloud containing the following terms: Comedy, Drama, Action & Adventure, Animation, Romance, Documentary, Family, Crime, Reality, and Children. The words are in various shades of green and blue, with 'Comedy' and 'Drama' being the largest.

*Figure 4: Top 10 most popular Genres*

Streaming platforms tend to favor universally appealing genres such as *Drama*, *Comedy*, and *Action & Adventure*, which consistently drive engagement.

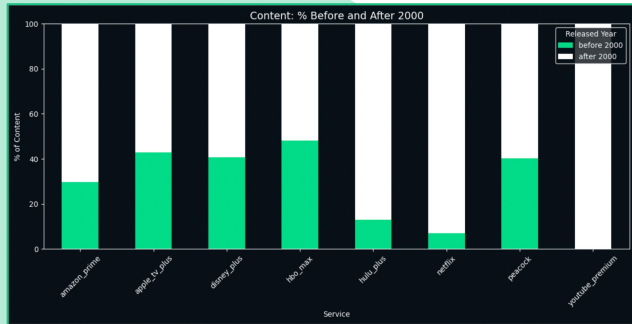


A word cloud containing the following terms: love, journey, family, friends, friendship, ratings, mysterious, comedy, drama, and documentary. The words are in various shades of green and blue, with 'love' and 'journey' being the largest.

*Figure 5: Top 10 Most Frequent Keywords Linked to High IMDb Ratings (IMDb >7)*

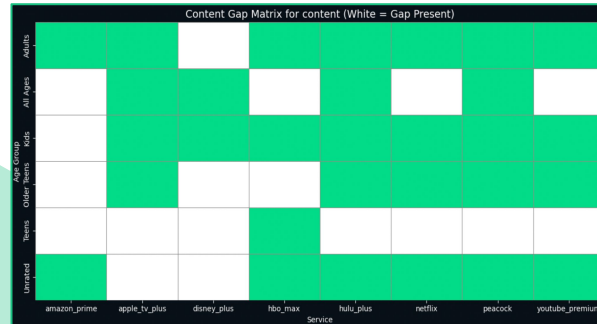
Streaming platforms tend to prioritize emotionally resonant and story-rich content, with keywords like *love*, *documentary*, and *journey* frequently appearing in high-rated titles.

# Streaming's Blind Spot: Who's Being Left Out?



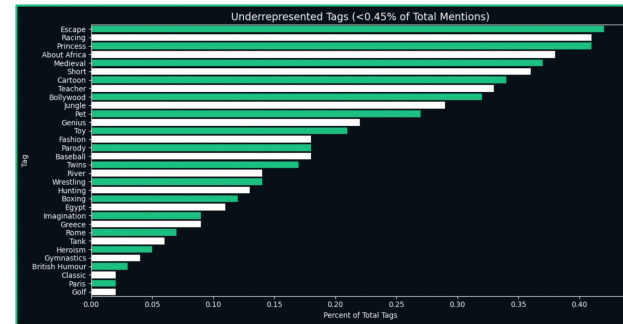
*Figure 6: Underserved Demand for Classics*

Over 80% of SVOD content is post-2000, with platforms like Netflix and Hulu offering minimal pre-2000 titles. This reveals a significant gap in classic film and TV offerings—potentially alienating older viewers and nostalgia-driven audiences



*Figure 7: Age-Based Gaps in SVOD Catalogs*

Gaps in content for teens, kids, and older adults are common across platforms—Netflix lacks offerings for all-ages, YouTube Premium misses older teens entirely, and Disney+ shows limited teen-focused content. Platforms risk missing key audience segments without tailored programming.



*Figure 8: Untapped Storytelling Potential*

Underrepresented themes like Escape, Classic, and Racing offer whitespace to diversify content portfolios and re-engage overlooked audiences. Platforms should prioritize licensing or producing titles in these areas to boost differentiation and long-tail viewership

# What Makes a TV Show Successful on Streaming Platforms?

## Defining Success

- $IMDb \geq 8.5$  indicates strong audience and critic reception
- Analysis focuses on SVOD platforms and high-performing titles by genre and licensing

## Top Performing Genres

- Figure 9 shows *Crime*, *Drama*, and *Documentary* leading in success rate
- *HBO* dominates with curated, story-rich titles in these genres

## Licensing Insight

- Figure 10 reveals non-exclusive shows outperform exclusives across most genres.
- Broader platform access can drive discoverability and audience reach

## Strategic Implication

- Studios should invest in high-quality content within proven genres
- Flexible, non-exclusive licensing models can expand impact across platforms

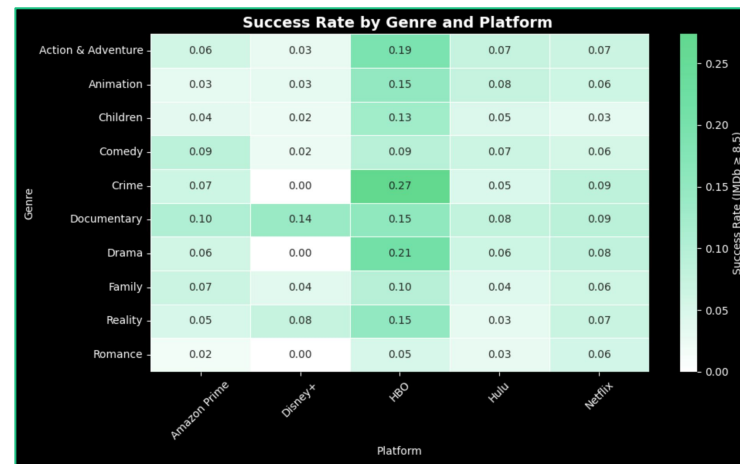


Figure 9: Success Rate by Genre and Platform

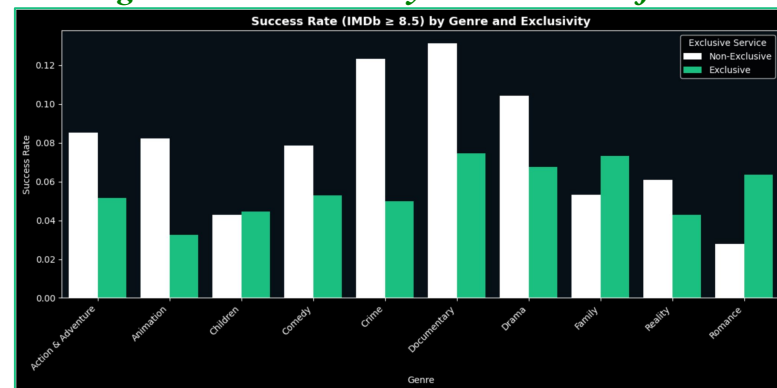


Figure 10: Success Rate by Exclusivity and Genre

# Which TV Shows Are Successful?

## Longevity & Top Performers

### Success Criteria

- $IMDb \geq 8.5$  and  $\geq 6$  seasons used to define long-term, high-quality shows.
- Threshold based on average season count among top-rated titles.

### Top Performers

- Titles like *Game of Thrones*, *The Sopranos*, *Friends* meet both quality and longevity benchmarks.
- These shows span *Drama*, *Crime*, and *Romance* across HBO, Netflix, and Prime.

### Strategic Insight

- High-rated, long-running shows offer franchise potential and audience retention.
- Longevity boosts licensing value and content stickiness.

### Recommendation

- Studios should develop *high-quality, long-form* series with broad appeal to optimize both critical acclaim and long-term monetization.

	Title	imdb	Season	Platform
1	Game of Thrones	9.3	8	HBO
2	Horsepower TV	9.2	9	Amazon Prime
3	The Sopranos	9.2	6	HBO
4	Friends	8.9	10	HBO
5	How the Universe Works	8.9	8	Amazon Prime
6	Last week tonight with John	8.9	7	HBO
7	VICE	8.9	7	HBO
8	Hunter x Hunter	8.9	6	Netflix

Figure 11: Top IMDb-Rated Long-Running Shows

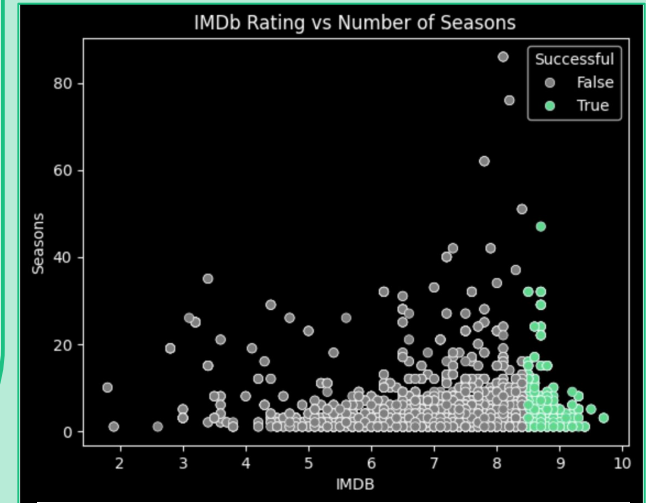


Figure 12 : IMDb Rating vs. Number of Seasons