

The Amazon Prime Video logo, featuring the words "prime video" in white lowercase letters with a white curved arrow underneath, set against a blue background.The Disney+ logo, featuring the word "Disney" in its signature script font followed by a plus sign, set against a purple and blue gradient background.

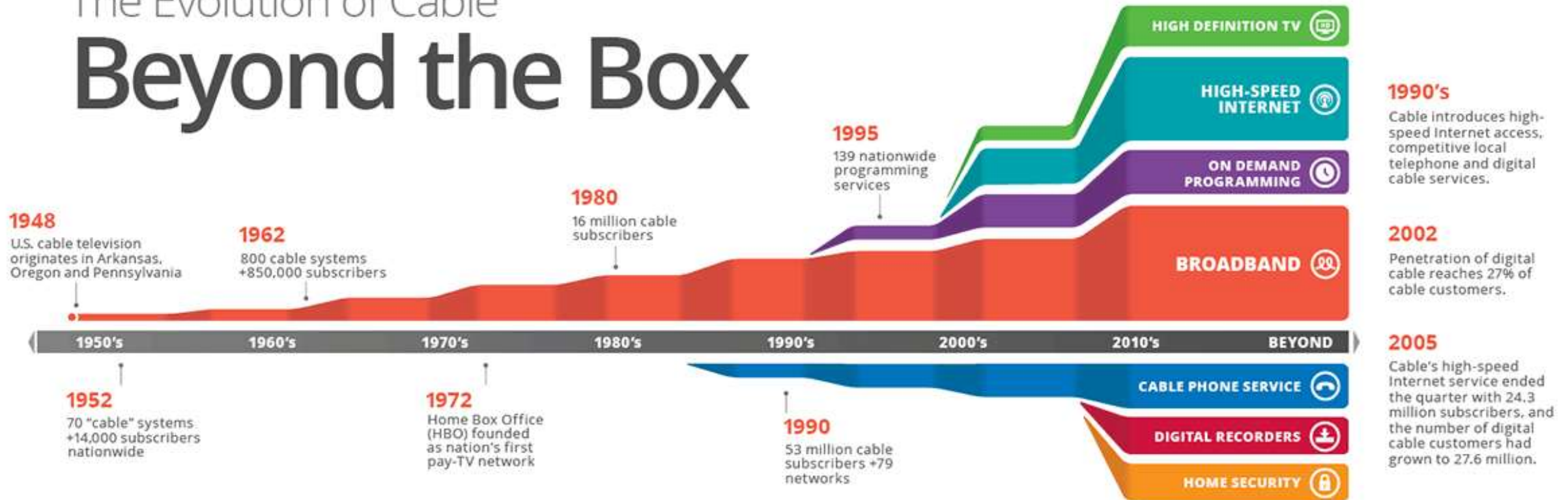
Streaming Wars

Diego Alvarez

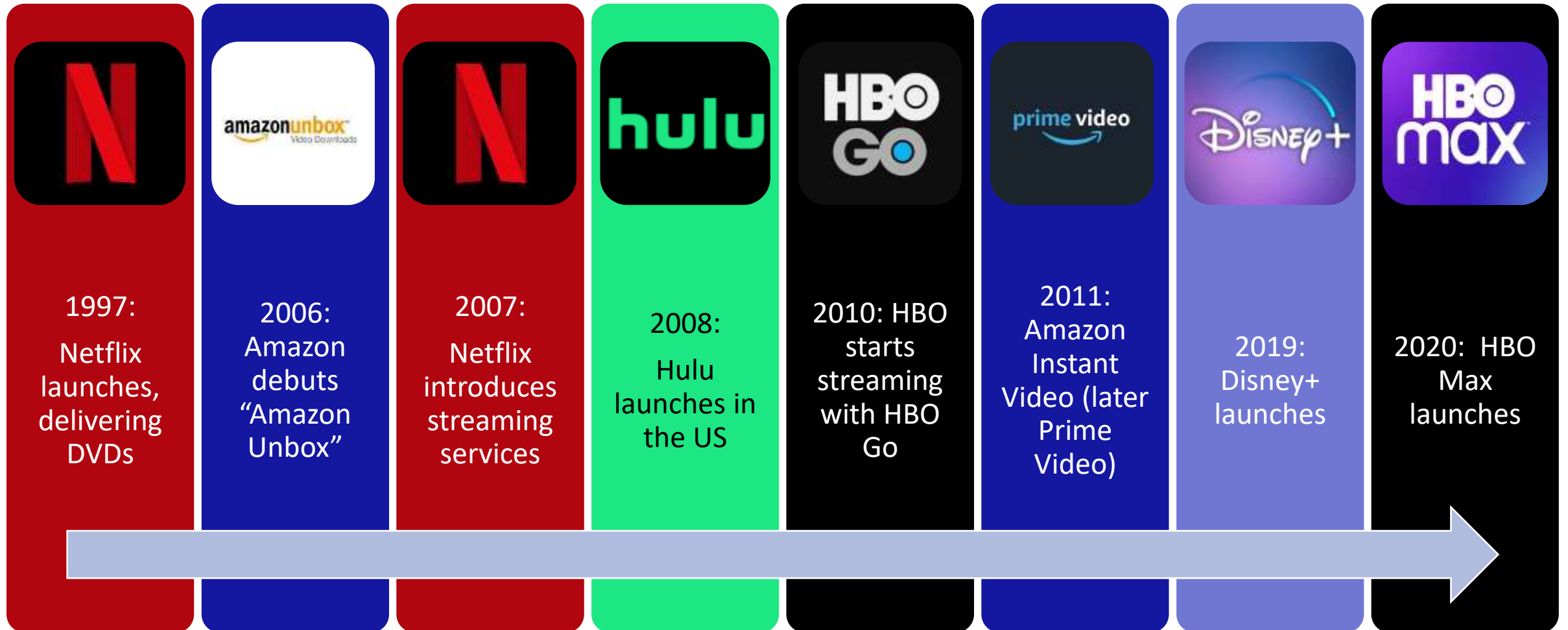
Nashville Software School – Data Analytics Capstone

The Netflix logo, featuring the word "NETFLIX" in bold red uppercase letters on a dark gray background.The HBO Max logo, featuring "HBO" in white and "max" in a blue-to-purple gradient, set against a black background.The Hulu logo, featuring the word "hulu" in white lowercase letters on a bright green background.

The Evolution of Cable Beyond the Box

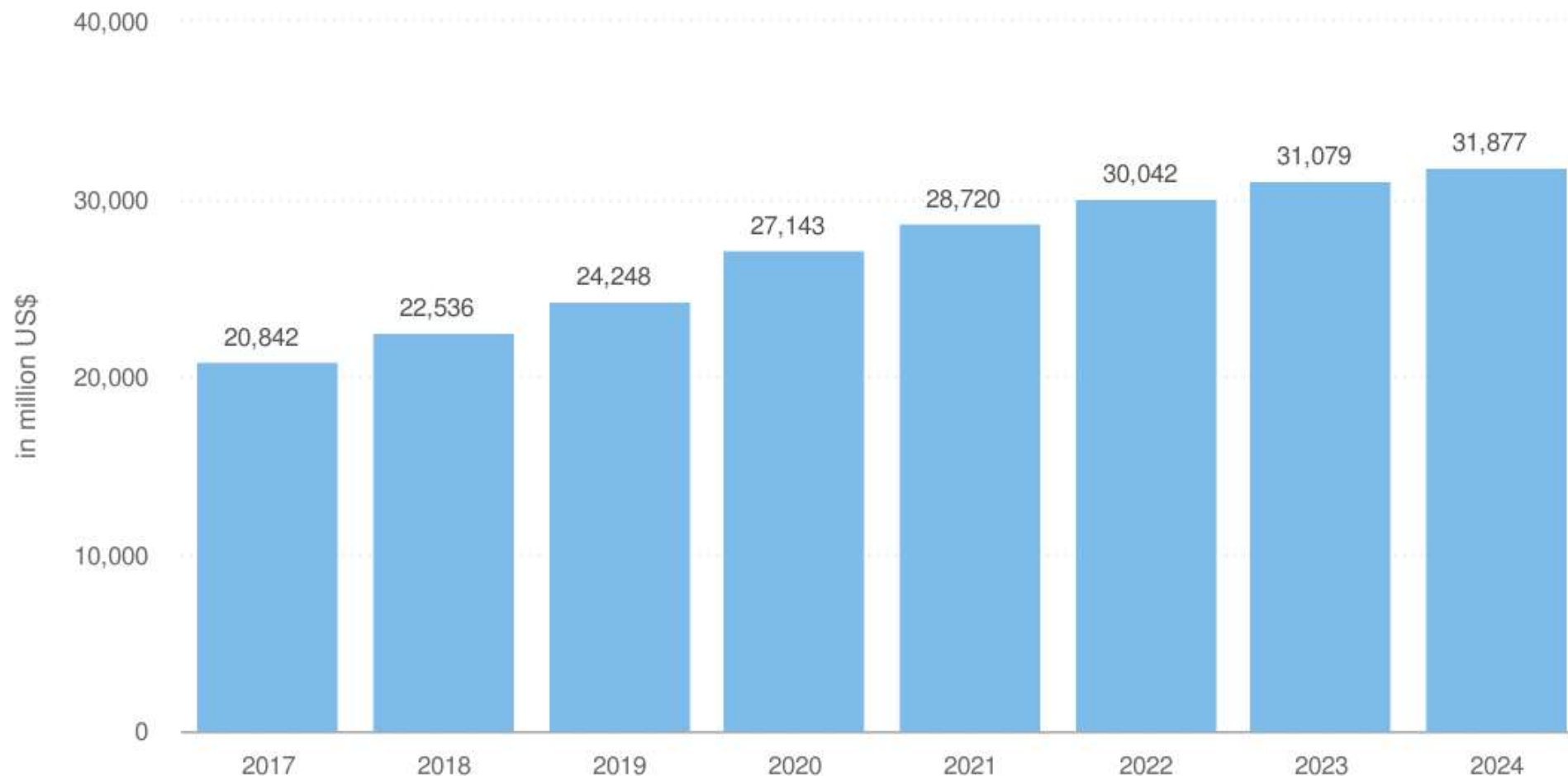


More recently...



Revenue in the Video Streaming (SVoD) market

in million US\$ (worldwide)



Source: Statista (Forecast adjusted for expected impact of COVID-19), June 2020

Pricing Per Month



\$8.99 – \$15.99



\$9.92 – \$12.99



\$5.99 – \$11.99



\$5.85 – \$6.99



\$14.99

Hulu,
Disney+,
ESPN Plus
bundle for
\$12.99

Goal:

Create a tool to help consumers select the best streaming service based on their preferences

Scope:

- US market
- Netflix, Hulu, Prime Video, Disney+, HBO Max

Requirements:

- Simple to use
- Interactive

Methodology

Extract

- Obtain data on movie/show listings for each platform

Transform

- Merging
- Formatting
- Manipulations

Load

- export into tool for dashboard

Technologies

Python

Pandas, Requests, BeautifulSoup

Tableau

Dashboard

Netflix

Edit

Reelgood

TV

Movies

New

Login

Sign Up

Where to Stream Anything

All

Movies & TV Shows

On

Every Service

Full List of All Movies and TV Shows Available Streaming



Wondering where you can watch that movie and TV show streaming online? Below is every movie and TV show available to stream online. By default, the list is ranked by popularity, but you can filter by Rotten

read more

VIEW: TABLE

FILTER

SORT BY DEFAULT

Title	Year	Rating	IMDb	Rotten	Available On		
 The Dark Knight	2008	13+	9.0	94%	<div>hulu</div> <div>+ Rent or Buy</div>	+	✓
 Breaking Bad	2008	18+	9.5	96%	<div>Netflix</div> <div>+ Rent or Buy</div>	62+ Episodes on Your Services	↻

Elements Console Sources Network Performance

```
<!DOCTYPE html>
<html lang="en" data-react-helmet="lang">
  <head>...</head>
  <body>
    <div id="app_mountpoint">
      <button class="css-1r0fdaj e1w3i4ec0">Feedback</button>
      <header class="css-0">...</header>
      <div style="width: 100%; transition: opacity 150ms ease 0s;">
        <main>
          <div class="css-1x00csk e127qgol0">...</div> == $0
          <div class="css-1iktzuw e6lv4r90">...</div>
          <div class="css-x4toed e6lv4r94">...</div>
          <div itemscope itemtype="//schema.org/ItemList">...</div>
        </main>
        <footer class="css-1fejdev e1pyrjig0">...</footer>
      </div>
    </div>
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    <div id="alert_mountpoint"></div>
    <script type="text/javascript" src="/runtime.js?callback=_rg.update" onload=_rg.rgc() onerror=_rg.rgc() defer></script>
    <script type="text/javascript" src="https://assets.reelgood.com/p/6c02eb2.../app_ssr.d4f5449b.js" onload=_rg.rgc() onerror=_rg.rgc() defer></script>
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```




< Browse

<> Embed



Not On Services

\$ Rent or Buy

[Watch Trailer](#)

The Dark Knight

+ Want To See

✓ Seen It

♡ Love

👍 Like

👎 Dislike

Hit + Want to See to get notified when it's added to your services.



★ 9/10



94%

[Action & Adventure](#), [Crime](#), ...

Rated: 13+ (PG-13)

[2008](#)

2h 32m

On: [Hulu](#)Tags: [Revenge](#), [Supernatural](#), [Superhero](#), ...Country: [United Kingdom](#), ...

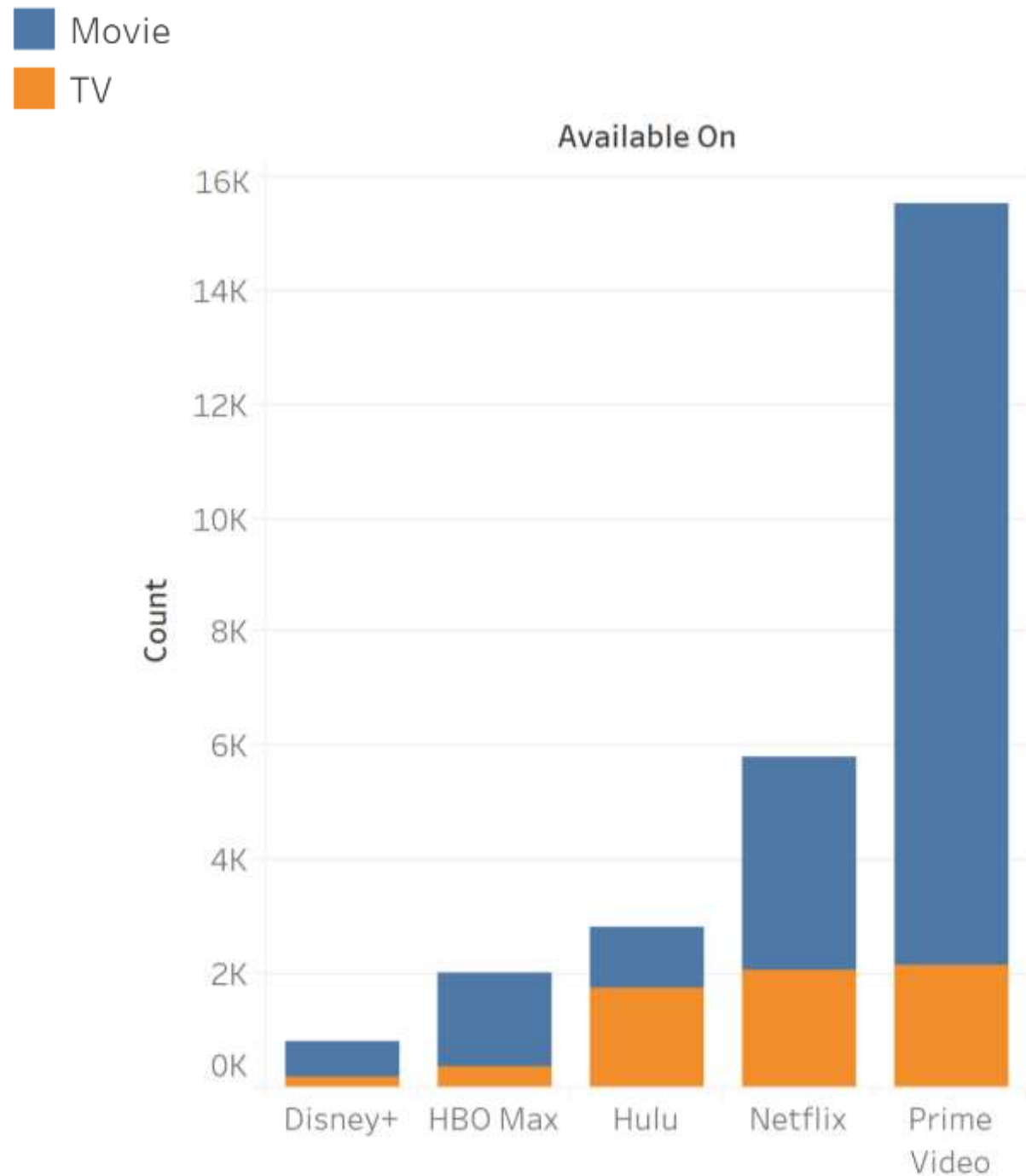
Batman raises the stakes in his war on crime. With the help of Lt. Jim Gordon and District Attorney Harvey Dent, Batman sets out to dismantle the remaining criminal organizations that plague the streets. The partnership proves to be effective, but they soon find themselves prey to a reign of chaos unleashed by a rising criminal mastermind known to the terrified citizens of

[read more](#) ▼

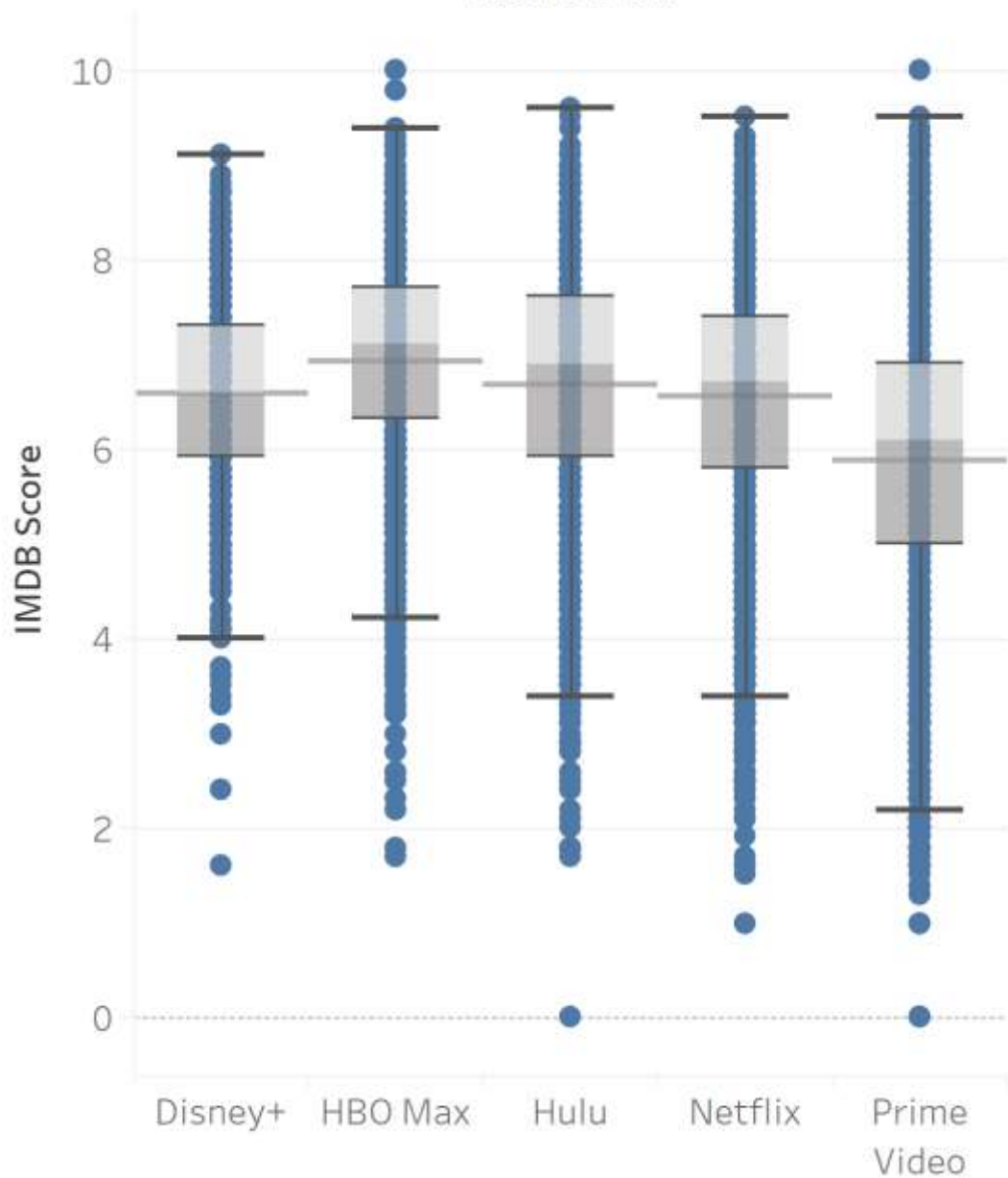
Number of offerings

WOW! Prime Video is off the charts!

But wait, is it really the things I want to watch?



Available On



Quality

Interesting...

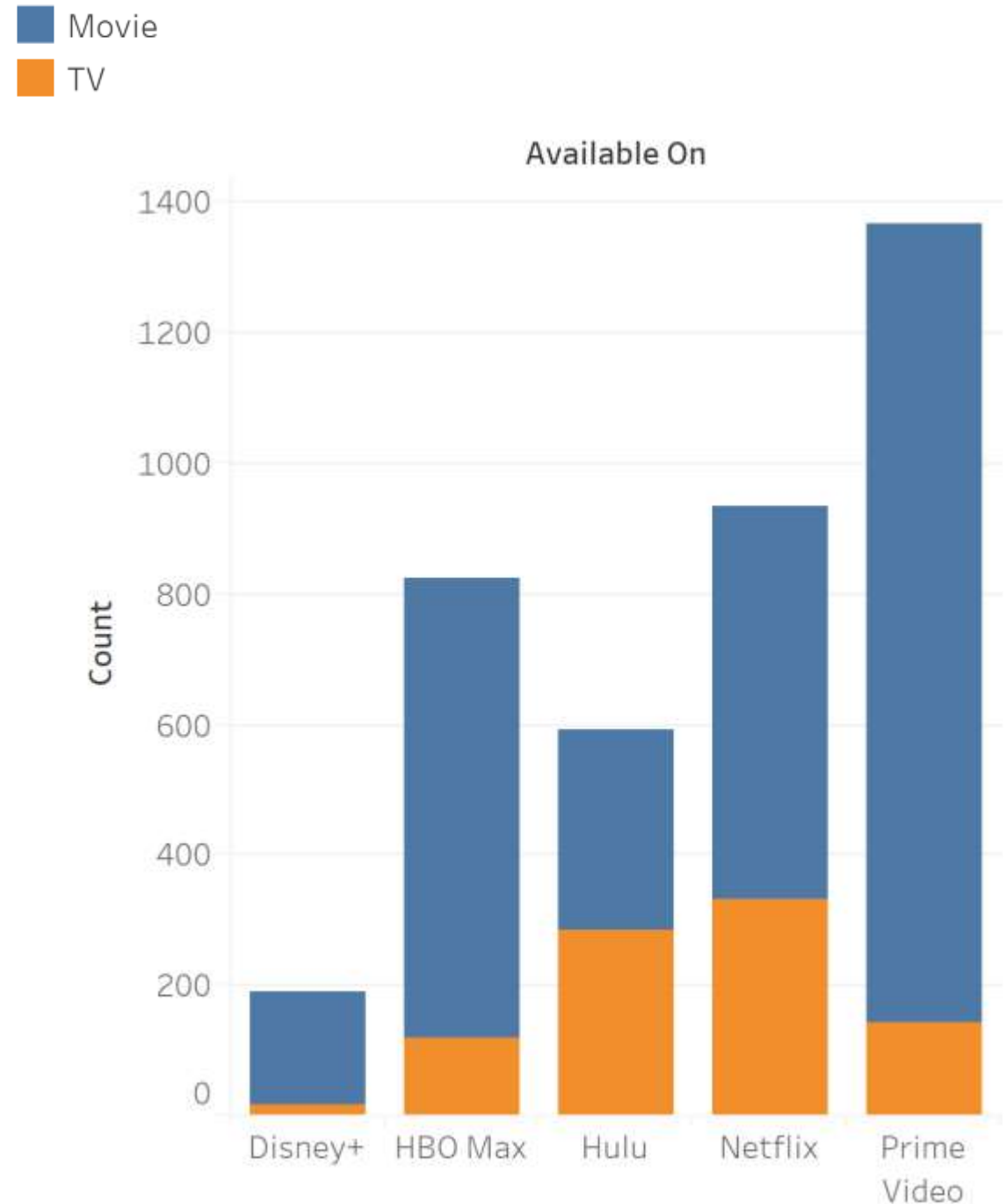
Prime has the lowest median and average IMDB score

Let's try again

Let's say GOOD listings have

- > 6.5 IMDB Score
- > 6.5 Rotten Tomatoes

Prime still in the lead, but counts are a lot more even.





Bottom Line...

Comes down to one's personal preferences!!

Demo Time



References

<https://reelgood.com/>

- All listing data scraped

<https://cable.org/learn/history-of-cable/>

- Evolution of cable graphic

<https://media.thinknum.com/articles/a-brief-history-of-video-streaming-by-the-numbers/>

- History of video streaming

<https://www.statista.com/outlook/206/100/video-streaming--svod-/worldwide>

- Market revenues graphic