



Binge Worthy or Cancelled Show?

Predicting Seasons of Netflix Shows

Dihella Ikapitte



Dataset and Goal

- Best Shows Netflix
 - A dataset from “Netflix Top Rated Movies and TV Shows” on Kaggle
 - Contains 245 top rated tv shows from 1969 to 2022 on Netflix
 - Columns include title, main_genre, duration, and score
- Research question
 - Can I predict the amount of seasons in a show using duration and score?

index		TITLE	RELEASE_YEAR	SCORE	NUMBER_OF_VOTES	DURATION
1	0	Breaking Bad	2008	9.5	1727694	48
2	1	Avatar: The Last Airbender	2005	9.3	297336	24
3	2	Our Planet	2019	9.3	41386	50
4	3	Kota Factory	2019	9.3	66985	42
5	4	The Last Dance	2020	9.1	108321	50
6	5	Arcane	2021	9.1	175412	41
7	6	Attack on Titan	2013	9.0	325381	24
8	7	Hunter x Hunter	2011	9.0	87857	23
9	8	DEATH NOTE	2006	9.0	302147	24
10	9	Seinfeld	1989	8.9	302700	24
11	10	Cowboy Bebop	1998	8.9	112887	25
12	11	Heartstopper	2022	8.9	28978	28
13	12	When They See Us	2019	8.9	114127	74
14	13	Monty Python's Flying Circus	1969	8.8	72895	30
15	14	BoJack Horseman	2014	8.8	143584	26



Methods

01

Data wrangling

Used duration and score for my prediction out of 8 columns

02

Visualizations

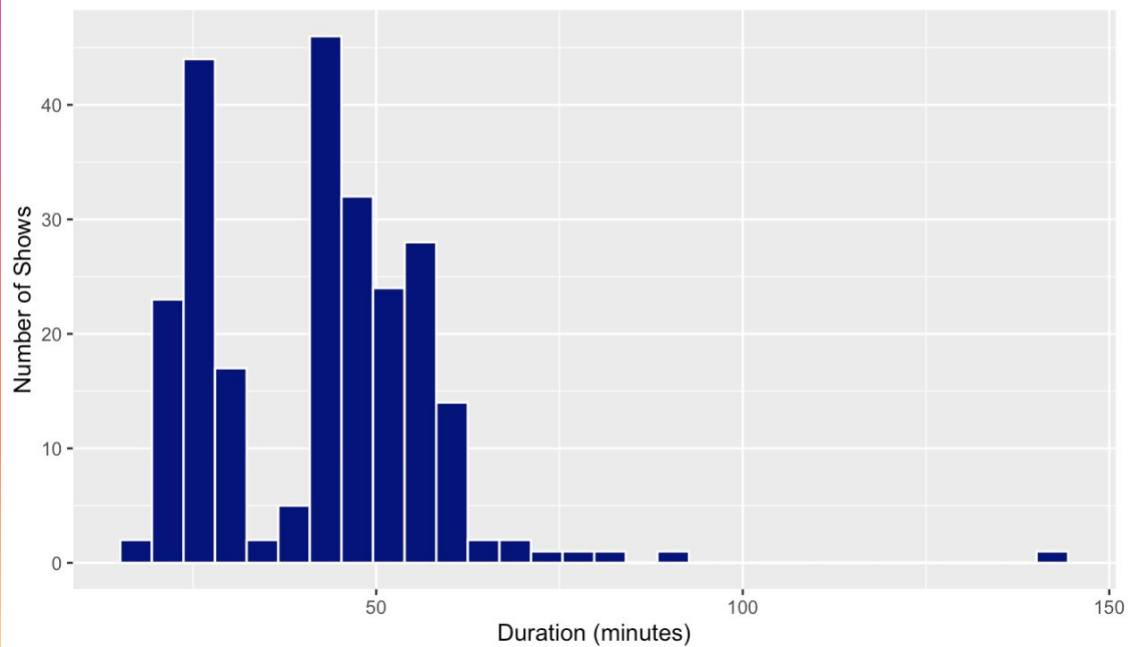
Graphs to help analyze the duration and score

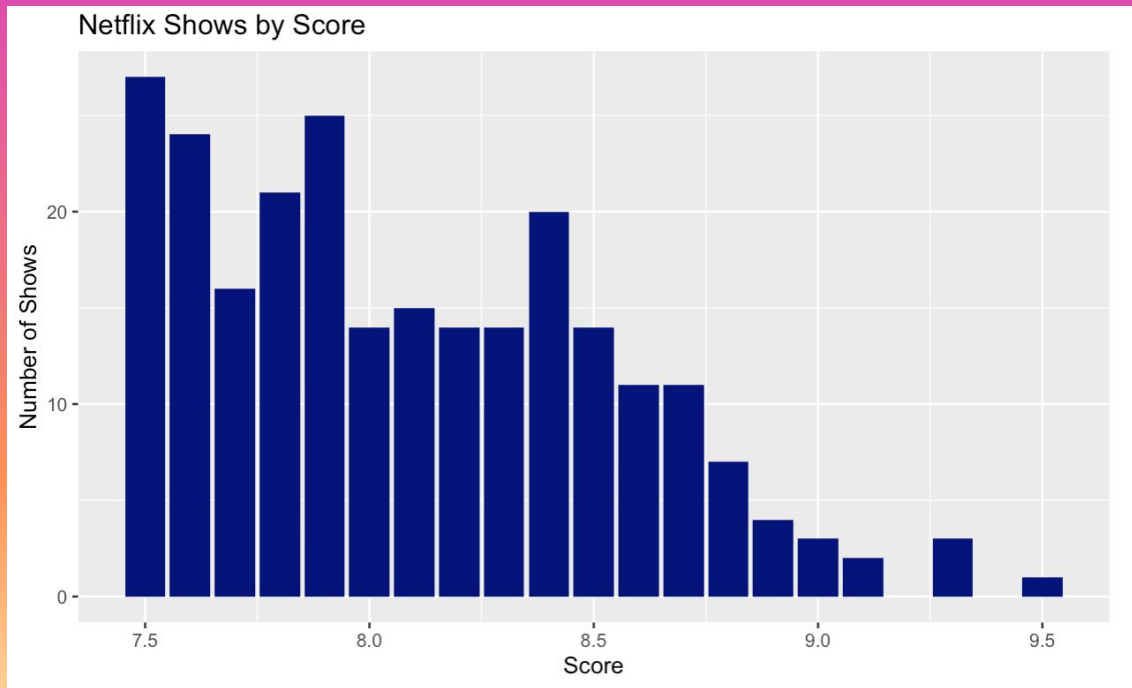
03

Data splitting

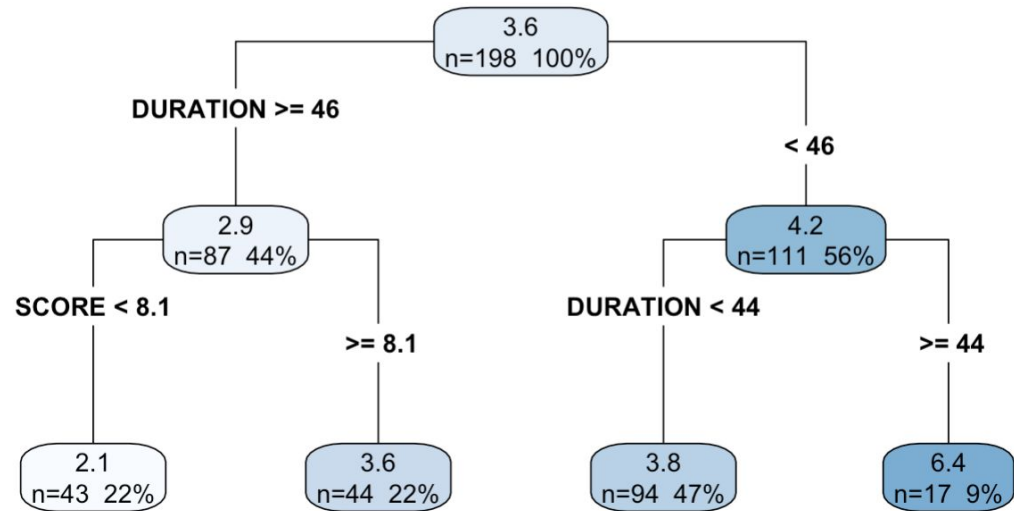
Split the data (80%, 20%) to help create a regression tree to answer my question

Distribution of Show Durations





Predicting Number of Seasons





Resources

Netflix top rated movies and TV shows. (2023, January 17). Kaggle.

<https://www.kaggle.com/datasets/thedevastator/netflix-top-rated-movies-and-tv-shows-2020-2022?select=Best+Shows+Netflix.csv>

Thank You!