**Predict the number of views Tv Shows on OTT Platforms in future**

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## **Abstract:**

The goal of this project was to use the viewing of TV Shows on OTT Platforms to predict in the future which platform will achieve the highest number of views and which will be the only platform in showing TV shows by increasing the number of viewers for it each year. The data is through the kaggle website, which provides a data set for several things, including Tv Shows on OTT Platforms.

**data**

The data set contains 5610 TV programs, each of which contains the year of production, the general evaluation of it, the number of viewers for this program in the platform, the target age group

**Algorithms**

**Seaborn Tutorial Contents**

Instead of just showing you how to make a bunch of plots, we’re going to walk through the most important paradigms of the Seaborn library. Along the way, we’ll illustrate each concept with examples.

**Here are the steps we’ll cover in this tutorial:**

#### Installing Seaborn.

#### Importing libraries and dataset.

#### Seaborn’s plotting functions.

* Scatter Plot

1. Customizing with Matplotlib.
2. The role of Pandas.

* Box Plot

1. Seaborn themes.

* Violin Plot

1. Color palettes.

* Swarm Plot

1. Overlaying plots.
2. Putting it all together.
3. Pokédex (mini-gallery).

* Heatmap
* Histogram
* Bar Plot
* Factor Plot
* Joint Distribution Plot

#### **Data Description:**

The data scraped comprises a comprehensive list of tv shows available on various streaming platforms

**How do you intend to meet the tools requirement of the project?**

Using python packages (pandas, matplitlib, seaborn) I started by renaming some columns to understandable names. I've filled in nulls for the title: TV Show Name, TV Show Year, Target Age Group, IMDb: Rating, Rotten Tomatoes Rotten Tomatoes %, (Netflix - Prime Video - Hulu - HBO Max): Each item has the number of views of the TV show on this Platform, typeTvShow: Type of movie shown (Action - Drama - Comedy etc.)

**Tools:**

* Pandas for data manipulation
* Matplotlib and Seaborn for plotting