

- **Task 1: Trend of Web Series Released Per Year**


- ❖ **Goal:** Use a line chart to show how many web series were released each year.

- Insight:** *The number of web series released increased steadily in recent years, reflecting growing investment in original content by streaming platforms.*

- **Task 2: Distribution of IMDB Ratings Across Streaming Platforms**

- ❖ **Goal:** Use a box plot to show variation in IMDB ratings by platform.

- Insight:**

-  *Netflix and Amazon Prime show wider variability in ratings, while platforms like Zee5 have more consistent (narrow range) ratings.*

- **Task 3: Top 5 Highest Rated Web Series**

- ❖ **Goal:** Use a horizontal bar chart to highlight the highest-rated series.

- Insight:**

- ★ *Sunflower, Mumbai Diaries, Leila, Criminal Justice, and Cartel all share the highest IMDB rating of 9.3, indicating strong viewer acclaim.*

- **Task 4: Genre Distribution of Web Series**

- ❖ **Goal:** Use a bar chart to show the count of web series per genre.

- Insight :** *Mystery and Sci-Fi genres lead in volume, reflecting high audience interest in suspense and futuristic themes.*

- **Task 5: Relationship Between Number of Episodes and IMDB Rating**

- ❖ **Goal:** Use a scatter plot to compare episode count and rating.

- Insight:** *No strong correlation found between number of episodes and IMDB rating, suggesting quality matters more than quantity.*

- **Task 6: Platform-Wise Average IMDB Rating by Genre**

- ❖ **Goal:** Use a heatmap to show which genres perform well on which platforms.

- Insight:** *Amazon Prime and Netflix host the highest-rated shows in multiple genres, especially in Crime and Thriller.*

- **Task 7: Episodes Per Season Analysis**

- ❖ **Goal:** Use a bubble or bar chart to show average episodes per season by series.

- Insight:** *Most series average 2–3 episodes per season, with only a few series having more densely packed seasons.*

- **Task 8: IMDB Rating vs. Number of Seasons (Grouped by Platform)**

- ❖ **Goal:** Use a scatter plot to explore how ratings change with more seasons.
- ❖ **Insight:** *Highly rated series are spread across different season counts, showing no direct trend—some popular series succeed with just 1 or 2 seasons.*

- **Task 9: Identify the Most Consistent Genre in Ratings**

- ❖ **Goal:** Use variance to find which genre has the most consistent ratings.
- ❖ **Insight:** *Mystery genre shows the lowest variance, making it the most reliably rated genre across platforms.*

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- **Task 10: Highlight Web Series with Above-Average Ratings in Each Genre**

- ❖ **Goal:** Use a bar chart or filter to spotlight standout shows within each genre.
- ❖ **Insight:** *Series like Asur, Criminal Justice, and Paatal Lok outperform their genre peers, indicating exceptional viewer approval.*