



# Week 4 Updates

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# This past week..

- Set up a Github repository
- Initial cleaning of data
  - Fixed the genre column
- A few basic plots on Tableau and Python to understand how the data is structured
- Brainstorm ideas to fix discrepancies and further cleaning

# Datasets:

```
print(df.columns)
```

```
Index(['id', 'title', 'type', 'description', 'release_year',  
      'age_certification', 'runtime', 'genres', 'production_countries',  
      'seasons', 'imdb_id', 'imdb_score', 'imdb_votes', 'tmdb_popularity',  
      'tmdb_score', 'service', 'plot', 'rated', 'year', 'released_at',  
      'added_at', 'genre', 'director', 'writer', 'actors', 'language',  
      'country', 'awards', 'metascore', 'imdb_rating'],  
      dtype='object')
```

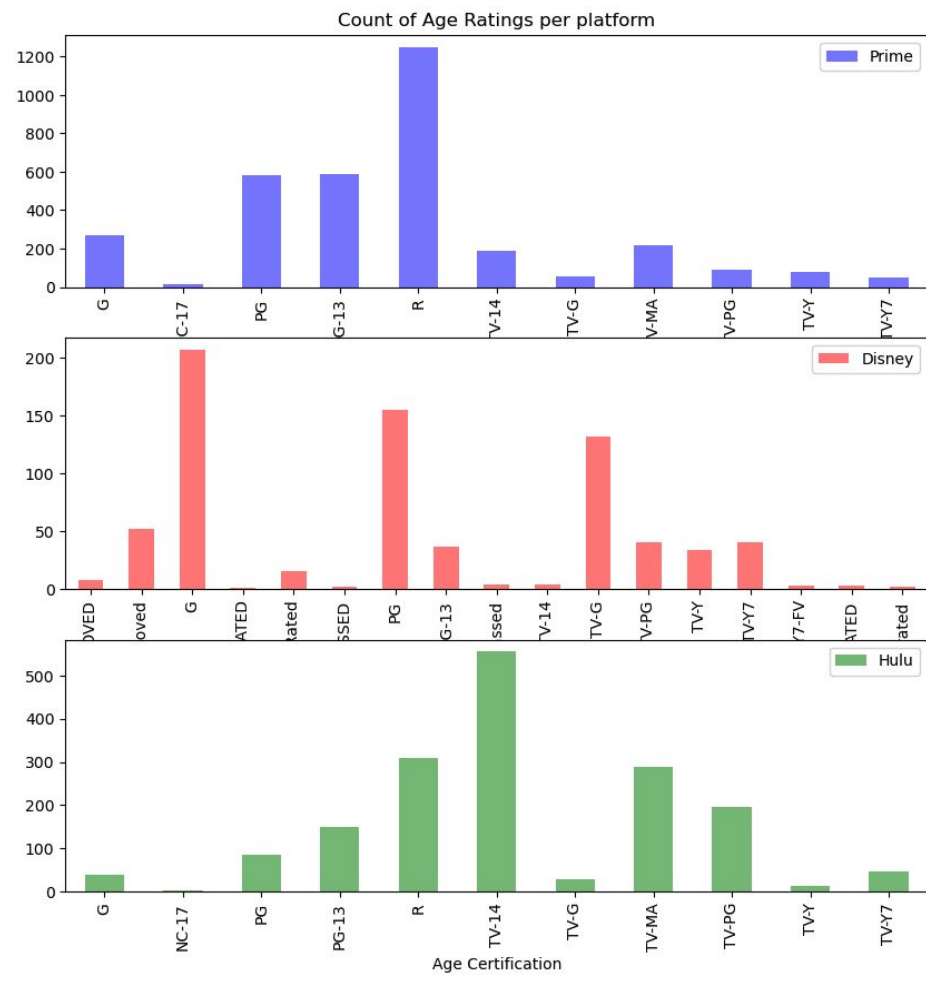
```
: df.head()
```

	id	title	type	description	release_year	age_certification	runtime	genres	production_countries	seasons	...	added_at	gei
0	ts20945	The Three Stooges	SHOW	The Three Stooges were an American vaudeville ...	1934.0	TV-PG	19	['comedy', 'family', 'animation', 'action', 'f...	['US']	26.0	...	NaN	N
1	tm19248	The General	MOVIE	During America's Civil War, Union spies steal ...	1926.0	NaN	78	['action', 'drama', 'war', 'western', 'comedy'...	['US']	NaN	...	NaN	N
2	tm82253	The Best Years of Our Lives	MOVIE	It's the hope that sustains the spirit of ever...	1946.0	NaN	171	['romance', 'war', 'drama']	['US']	NaN	...	NaN	N
3	tm83884	His Girl Friday	MOVIE	Hildy, the journalist former wife of	1940.0	NaN	92	['comedy', 'drama', 'romance']	['US']	NaN	...	NaN	N

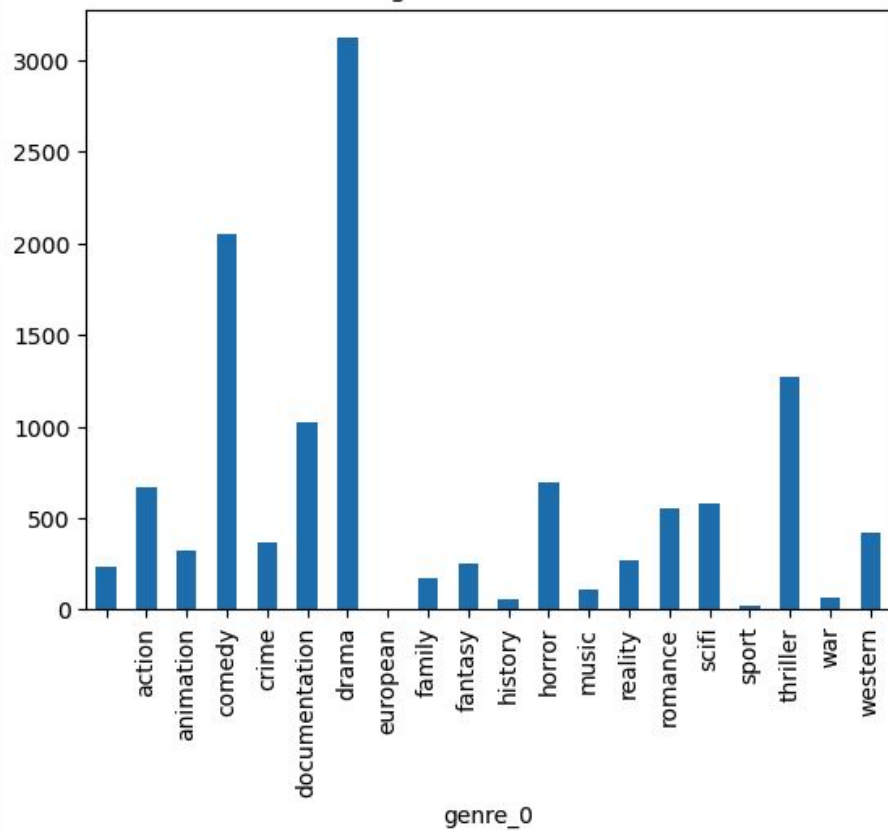
```
df.head()
```

genres	production_countries	seasons	...	imdb_rating	genre_0	genre_1	genre_2	genre_3	genre_4	genre_5	genre_6
comedy', 'family', animation', 'action', 'fan...	['US']	26.0	...	NaN	comedy	family	animation	action	fantasy	horror	None
action', 'drama', 'war', 'western', 'comedy', ...	['US']	NaN	...	NaN	action	drama	war	western	comedy	european	None
romance', 'war', 'drama	['US']	NaN	...	NaN	romance	war	drama	None	None	None	None
comedy', 'drama', 'romance	['US']	NaN	...	NaN	comedy	drama	romance	None	None	None	None

# Plots:



Rating Based on Genre 0



Rating Based on Genre 1

