# *Solution_1*

Show data from .csv file in **HTML web page** by python in colab.

Output:
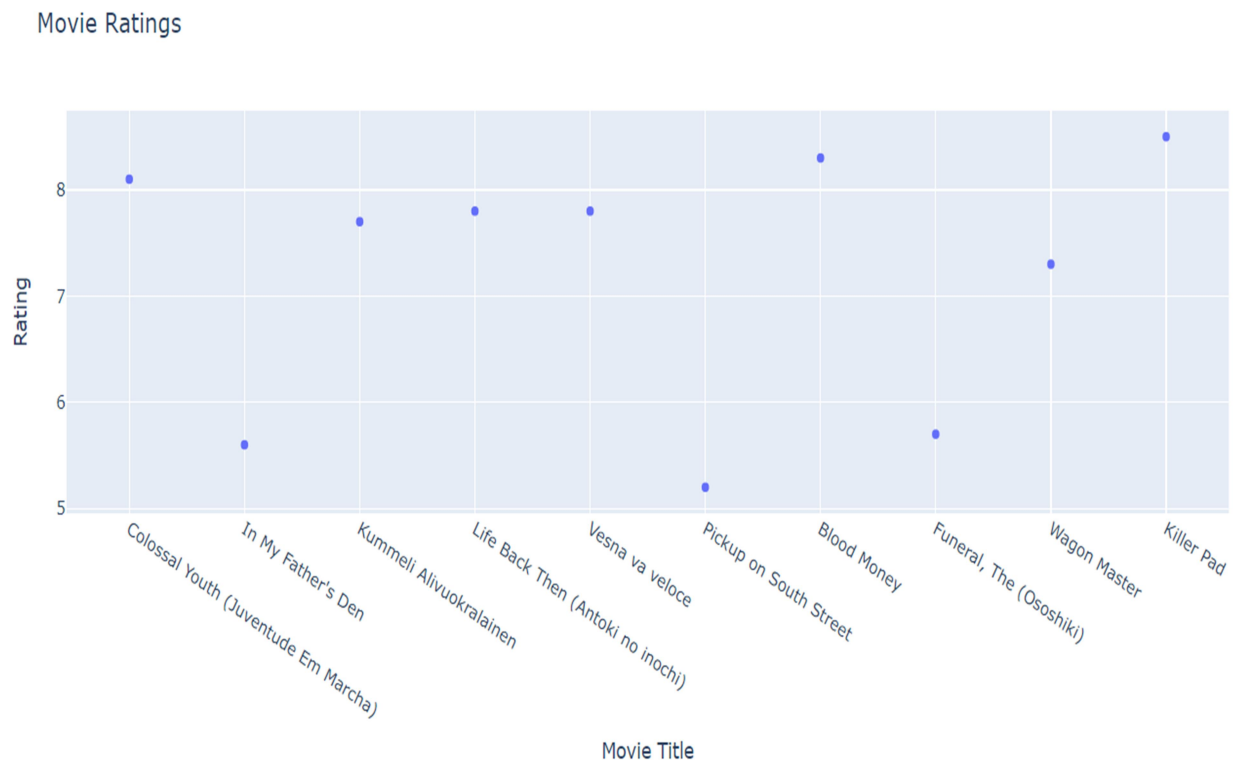
## CSV Data Viewer

| id | Movie_Title | Genre | Director | Release_Date | Rating |
|----|-------------|-------|----------|--------------|--------|
| 1 | King Boxer: Five Fingers of Death (Tian xia di yi quan) | romance | Sharlene Schulz | 8/31/2008 | 5.5 |
| 2 | Triad Election (Election 2) (Hak se wui yi wo wai kwai) | comedy | Welch Spiring | 7/24/2004 | 5.6 |
| 3 | My Mom's New Boyfriend | action | Moss Quogan | 8/4/2007 | 5.6 |
| 4 | 13/13/13 | thriller | Angelico Healy | 11/22/2020 | 6.0 |
| 5 | Sexy Baby | drama | Ferdinanda Sugden | 7/8/2012 | 6.4 |
| 6 | Ill Manors | drama | Farlay Fishby | 7/12/2019 | 5.6 |
| 7 | How to Cook Your Life | action | Marnia Ofen | 6/4/2022 | 6.2 |
| 8 | Man with Two Brains, The | drama | Gill Haywood | 7/4/2013 | 7.2 |
| 9 | Sky Crawlers, The (Sukai kurora) | drama | Linus Renne | 11/12/2020 | 9.0 |
| 10 | Erotic Man, The | action | Harald Braidley | 11/28/2019 | 5.1 |
| 11 | Civil Action, A | action | Baxie Salzburg | 8/16/2021 | 5.2 |
| 12 | Bliss | drama | Sonni Moreno | 4/25/2014 | 7.8 |
| 13 | Wildcats | action | Silvana Skypp | 4/22/2002 | 9.0 |
| 14 | Story of Vernon and Irene Castle, The | romance | Yvette Graysmark | 11/28/2011 | 9.4 |
| 15 | Chinese Ghost Story II, A (Sien nui yau wan II yan gaan do) | thriller | Al Eykelhof | 5/5/2005 | 9.0 |
| 16 | Assassination | comedy | Lauralee McEwen | 8/25/2021 | 7.9 |
| 17 | The Runner from Ravenshead | drama | Odelle Blonden | 10/31/2014 | 9.2 |
| 18 | Floods of Fear | romance | Lesly Velasquez | 8/14/2015 | 9.3 |

# Solution_2

Plot the relation between Movie_Title and Rating as a scatter plot by using scatter plot and save in HTML web page by python code.

# Solution_3

Get Contact Info (name , email and phone) from CV using Regular Expressions by python.

- ([\w'-]+ [\w'-]+) → RE to get the first and last name from the name.
- (?:(?:Phone|Tel)[:\s]*[\n]+)?(\+?\d+\s*\d+\s*\d+\s*\d+) → RE to get the phone number by using capture group and non-capture group.
- ([a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}) → RE to get the email.

```
resume_results.txt X

1 Resume Information for Mahmoud ElSayed CV.pdf:
2 {'Full Name': 'Mahmoud El-Sayed', 'Phone Number': '01026932898', 'Email Address': 'me974931@gmail.com'}
3 ==================================================
4 Resume Information for 99.pdf:
5 {'Full Name': 'Mostafa Mahmoud', 'Phone Number': '01113755242', 'Email Address': 'ubermenchun@gmail.com'}
6 ==================================================
7
```

# Important links :

https://colab.research.google.com/ → to run the notebooks

https://www.mockaroo.com/ → to create mock data in .csv fields