

Romance Movies Rating over 145 years

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Dataset

Which dataset did you use of the following:

- Soccer Dataset
- **IMDB Movie Dataset** ✓
- World Development Indicators Dataset

Motivation

Describe the problem you want to solve with the data. It may relate closely with your research question, but your goal here is to make your audience care about the project/problem you are trying to solve. You need to articulate the problem you are exploring and why (and for whom) insight would be valuable.

In this mini project, I have used the 'movies' database to investigate the behaviour of *Romance* movies over the studied years, i.e., over 145 years. By the end of this project, we can see:

- **The rating behaviour towards *Romance* movies**
- **The production process of such movies over the years**

Research Questions

What is your research question you aim to answer using the dataset? Be sure the research question is well defined (see project description for details).

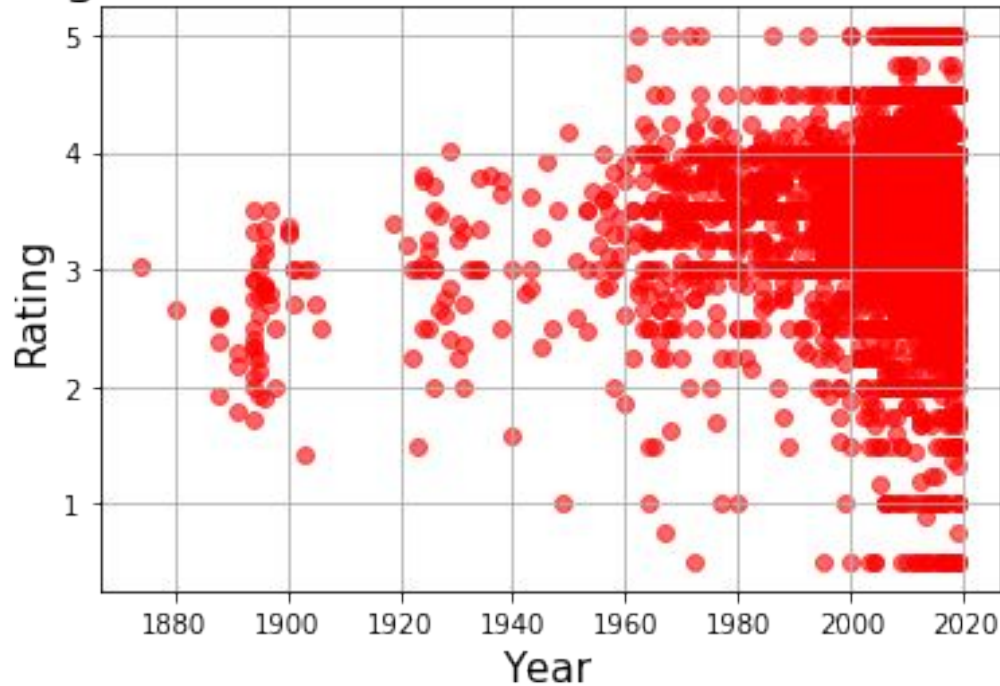
Question: How the rating behaviour of romance movies changes over 145 years?

Question: How to plot the graph of this research to show the behaviour change ?

Findings

Scatter plot to show the behaviour of romance movies .

Rating of Romantic movies from 1874 to 2019



- The above scatter plot shows the ratings of the Romance movies changes over 145 years. (i.e. 1874- 2019).
- From the plot we can see , the mean ratings value of romance movies is around 3.5.
- Also, it can be seen that the production of Romance movies has increased from 1970 to 1990 and then rapidly increased after 1990 year.

Acknowledgements

Did you use other informal analysis to inform your work? Did you get feedback on your work by friends or colleagues? Etc.

If you had no one give you feedback, it's okay to say that.

- I have done this work by myself. No one has given me any feedback

References

If applicable, report any references you used in your work. For example, you may have used a research paper from X to help guide your analysis. You should cite that work here. If you did all the work on your own, please state this.

I have used:

<https://pandas.pydata.org>

<https://stackoverflow.com>