Case Study on Movie Dataset

Problem Statement

In this case study, you will try to find some interesting insights into a few movies released between 1916 and 2016, using Python. This is a compulsory individual case study where in you will download a movie dataset, write Python code to explore the data, gain insights into the movies, actors, directors, and collections, and submit the code.

About the Case Study

Where do I get the data from?

You can download the movie dataset from the bottom of this page.

Where do I write the code?

Download the 'Movie Case Study.ipynb' file from the bottom of this page. It is a commented Jupyter IPython Notebook file in which all the instructions and tasks to be performed are mentioned.

How do I submit the Case Study?

Upload your 'ipynb' solution file in the 'submission' section on the next page.

Some tips before starting the Case Study

1. Identify the task to be performed correctly, and only then proceed to write the required code. Don't perform any incorrect analysis or look for information that isn't required for the case study.

2. In some cases, the variable names have already been assigned, and you just need to write code against them. In other cases, the names to be given are mentioned in the instructions. We strongly advise you to use the mentioned names only.

3. Always keep inspecting your data frame after you have performed a particular set of operations.

4. There are some checkpoints given in the IPython notebook provided. They're just useful pieces of information you can use to check if the result you have obtained after performing a particular task is correct or not.