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DS Phase 1 Final Project - Online


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README.md



Phase 1 Project: "DOSflix Case Study"

Michael Collins

Student of Data Science at Flatiron School

September 16, 2020

In this Git Repository, you will find the following Jupyter Notebook file:

https://github.com/korinzumike/dsc-phase-1-project-online/blob/master/collins_project1_workbook.ipynb

This Jupyter Notebook has 3 important cells:

- The first cell loads US Consumer Price Index information from the website:
https://inflationdata.com/Inflation/Consumer_Price_Index/HistoricalCPI.aspx?reloaded=true

- The second cell downloads approximately 10 Megabytes of information from the website <https://www.the-numbers.com/movie/budgets/all> (plus its 60 continuation pages), and the pages <https://www.the-numbers.com/box-office-records/domestic/all-movies/cumulative/released-in-1977> through <https://www.the-numbers.com/box-office-records/domestic/all-movies/cumulative/released-in-2020>.
- The third cell turns the movie-related data into a pandas dataframe. Graphs of the movie-related data are produced in the output portion of the cell. The same graphs are written as PNG files to the same directory in which the file `collins_project1_workbook.ipynb` resides.

In this Git Repository, you will find the following Slide Presentation:

https://github.com/korinzumike/dsc-phase-1-project-online/blob/master/Slides/Collins_Project1_Slides.pdf

This slide presentation (slide deck) contains 13 color slides, in which the graphs generated by `collins_project1_workbook.ipynb` are considered in detail.

In this Git Repository, you will find the following folder full of Graphs:

<https://github.com/korinzumike/dsc-phase-1-project-online/tree/master/Graphs>

In this folder are previously-generated versions of the graphs that would otherwise be generated by `collins_project1_workbook.ipynb`. These graphs are provided as a courtesy to those who are unable to run the Jupyter Notebook and generate the graphs directly.

Thank you for staying all the way until the scene at the end of the credits.

You can go home now.

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Languages



● Jupyter Notebook 100.0%