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## Languages

● Jupyter Notebook 100.0%

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# Phase 1 Project

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## Microsoft Movie Studio Components Analysis

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### Overview

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The project is investigating and analyzing what components are needed to get started in the movie production business. We will be using the top grossing genres domestically, top grossing directors domestically and domestic gross by release month, this will show what genres of film to initially to make, which directors to use and when is a good time to release the film

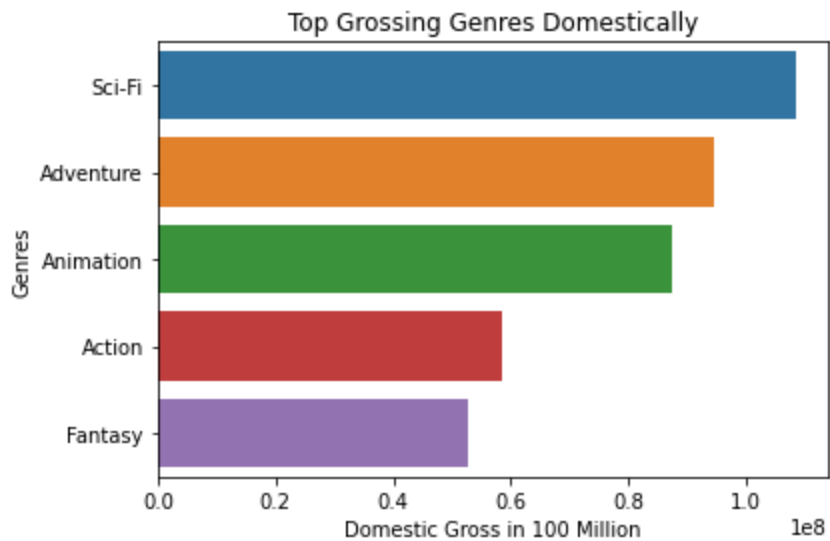
### The Data & Methods

- Analysis of top grossing genres domestically joining imdb\_title\_basic and bom\_movie\_gross datasets
- Analysis of top grossing directors domestically merging imdb\_title\_crew, imdb\_name\_basics, and imbd\_title\_akas the top grossing genres dometically data set
- Analysis of domestic gross by release month by using tn\_movie\_budgets data set

### Data Analysis 1

The analysis concludes that the three top grossing genres domestically are:

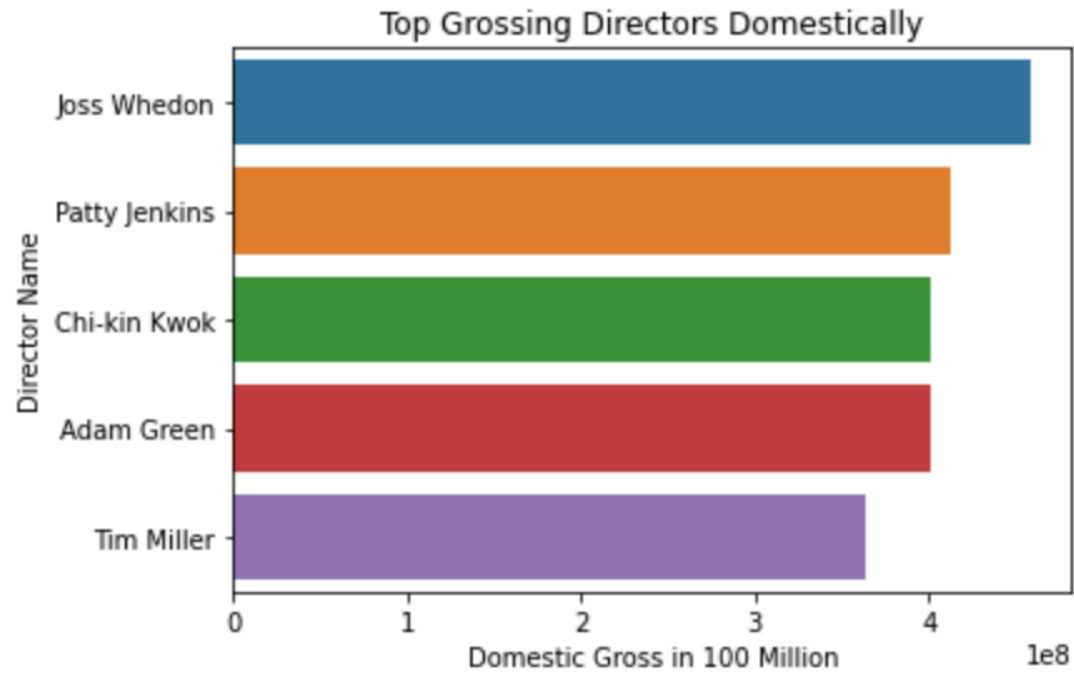
- Sci-Fi
- Adventure
- Animation



## Data Analysis 2

The analysis concludes that the three top grossing directors domestically are:

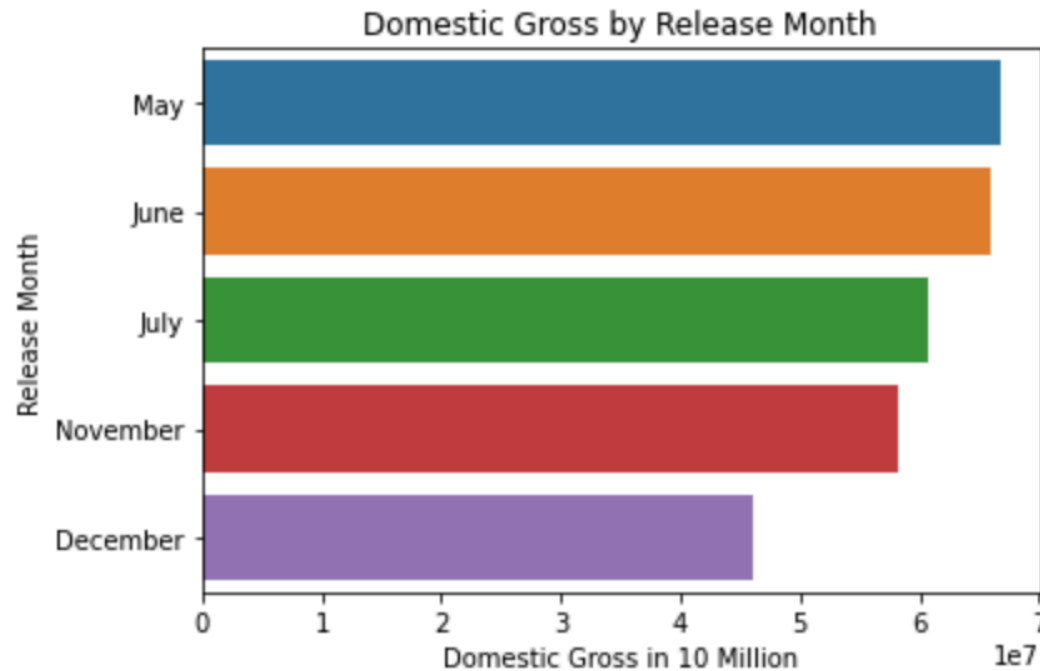
- Joss Whedon
- Patty Jenkins
- Chi-kin Kwok



### Data Analysis 3

The analysis concludes that the three top domestic gross by release month:

- May
- June
- July



## Conclusions

These results/analysis shows insight towards three recommended steps in helping to choose what films should be created by the film studio

-The three top grossing genres domestically are Sci-Fi, Adventure and Action films

These genres are good starting points

-The top three top grossing directors domestically would be Joss Whedon, Patty Jenkins and Chi-kin Kwok

Going by their track records all three directors would be good fits to direct film in the three top grossing genres mentioned above

-The top three domestic gross by release month would be May, June and July