

6.0 hours

Project 8

Movie API Analysis

Why can't I submit this project yet?

You must first complete all prior Techdegree content before you can submit this project. Additionally, you cannot submit more than one project at a time.

Submit for Review

Your current activity is [Graphing Video Game Sales](#).

- [Getting Started](#)
- [Instructions](#)
- [How You'll Be Graded](#)

To get a passing grade you'll need to submit a project that meets the following requirements. If your project receives a "Needs Work" rating on any of these tasks, then you'll need to edit your project and re-submit it until it "Meets" or "Exceeds" each task requirement.

	Needs Work	Meets Expectations	Exceeds Expectations
Project Setup	<ul style="list-style-type: none">• Your project files include the environment folder or your API key• The project files don't include:<ul style="list-style-type: none">◦ a requirements.txt file with the request requirement inside◦ your requests.py file◦ your movie_analysis notebook file◦ the oscar_winners.csv file from the project files◦ a .gitignore file	<ul style="list-style-type: none">• Your project files does not include the environment folder or your API key• The project files do include:<ul style="list-style-type: none">◦ a requirements.txt file with the request requirement inside◦ your movie_requests.py N/A file◦ your movie_analysis notebook file◦ the oscar_winners.csv file from the project files◦ a .gitignore file◦ (optional) movies.csv file	

	Needs Work	Meets Expectations	Exceeds Expectations
Requests	<ul style="list-style-type: none"> Errors are present when the file runs No function is used to send requests to the API for each movie in the CSV file The received information is not saved to a new CSV file called movies.csv 	<ul style="list-style-type: none"> The file runs without any errors A function is used to send requests to the API for each movie in the CSV file The received information is saved to a new CSV file called movies.csv 	<ul style="list-style-type: none"> Your project contains 5 extra movies <ul style="list-style-type: none"> a request is made to the API for each additional movie the additional information is saved in the movies.csv file
Movies CSV	<p>The file does not include all of the following information for each movie:</p> <ul style="list-style-type: none"> Movie Title (string) Runtime (integer) Genre (string) Award Wins (integer) Award Nominations (integer) Box Office (integer) 	<p>The file includes the following information for each movie:</p> <ul style="list-style-type: none"> Movie Title (string) Runtime (integer) Genre (string) Award Wins (integer) Award Nominations (integer) Box Office (integer) 	<p>The file includes 3 additional columns with data for each movie present.</p>

Needs Work**Meets Expectations****Exceeds Expectations****Analysis**

The following questions were not all answered:

- (Graph) What was the runtime for each movie?
- What movie had the longest runtime?
- Is there any relationship between the length of the movie (runtime) and the number of awards a movie won?
- (Graph) How many awards and nominations did each movie receive?
- The answers and process were not detailed using markdown

Each of the following questions was answered:

- (Graph) What was the runtime for each movie?
- What movie had the longest runtime?
- Is there any relationship between the length of the movie (runtime) and the number of awards a movie won?
- (Graph) How many awards and nominations did each movie receive?
- The answers and process were detailed using markdown

These additional questions were answered:

- Is there a relationship between the amount of box office earnings a movie had and the amount of total nominations the movie received (total nominations = awards wins + award nominations)?
- Is there a relationship between box office earnings and movie runtimes?
- (Graph) How much did each movie earn at the box office?
- (Graph) What is the total count of each genre present in the dataset? (How many times does fantasy, drama, adventure, etc. show up)
- The additional 5 movies were included in each analysis question
- The additional questions also included markdown descriptions of the process and the answer.

Presentation

It does not include:

- a title page
- Information about the data used
- details about your analysis (more than 1 page)
- Conclusion

It should include:

- a title page
- Information about the data used
- details about your analysis (more than 1 page)
- Conclusion

N/A