

Pysoft Corporate Training Center, Pune

Pandas Programming Questions(Movies Dataset)

1. Write a Python Pandas program to get the columns of the DataFrame
2. Write a Python program to check the number of rows and columns
3. Write a Pandas program to get the information of the DataFrame including data types and memory usage
4. Write a Pandas program to get the details of the third movie of the DataFrame
5. Write a Pandas program to get the details of the column's title and genres of the DataFrame
6. Write a Pandas program to get the details of the movie with the title 'Grumpier Old Men'
7. Write a Pandas program to get the details of the fifth movie of the DataFrame
8. Write a Pandas program to display the first 10 rows of the DataFrame
9. Write a Pandas program to sort the DataFrame based on the runtime
10. Write a Pandas program to access those movies, duration between 2 hours to 3 hours
11. Write a Pandas program to sort movies on runtime in descending order
12. Write a Pandas program to get the longest runtime and shortest runtime
13. Write a Pandas program to display the movies (title, runtime) longer than 120 minutes and shorter than 200 minutes
14. convert the content ratings to "NC-17": X, TV-MA
15. count the number of missing values in each column
16. calculate the average star rating for movies 2 hours or longer and compare that with the average star rating for movies shorter than 2 hours
17. calculate the average duration for each genre
18. visualize the relationship between content rating and duration
19. determine the top-rated movie (by star rating) for each genre
20. calculate the average star rating for each genre, but only include genres with at least 10 movies
21. Figure out which actor did how many movies
22. Write a program to create a new column as user ratings (Excellent, Very Good, Good, Average, Bad)