

The screenshot shows a VS Code editor with a Python script named `codsoft_task1.py` open. The script is located at `e:\lab\project\codsoft\codsoft_task1.py`. The script contains a CSV file named `train_data.csv` with columns `ID`, `TITLE`, `GENRE`, and `DESCRIPTION`. The script is using the `pd.read_csv` function to read the CSV file. The terminal window shows a warning message: `ParserWarning: Falling back to the 'python' engine because the 'c' engine does not support regex separators (separators > 1 char and different from '\s+' are interpreted as regex); you can avoid this warning by specifying engine='python'.` The warning is repeated for both `train_data` and `test_data` files. The script is also using the `pd.read_csv` function to read the `test_data.csv` file. The script is using the `pd.read_csv` function to read the `test_data.csv` file. The script is using the `pd.read_csv` function to read the `test_data.csv` file.

Figure 1

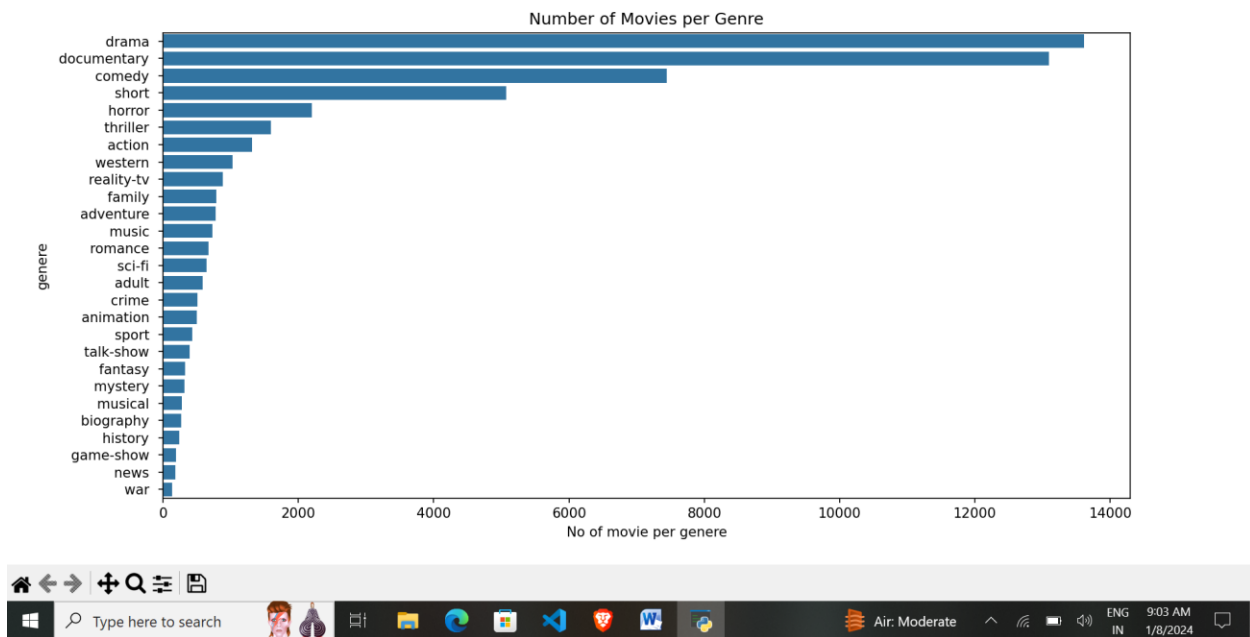
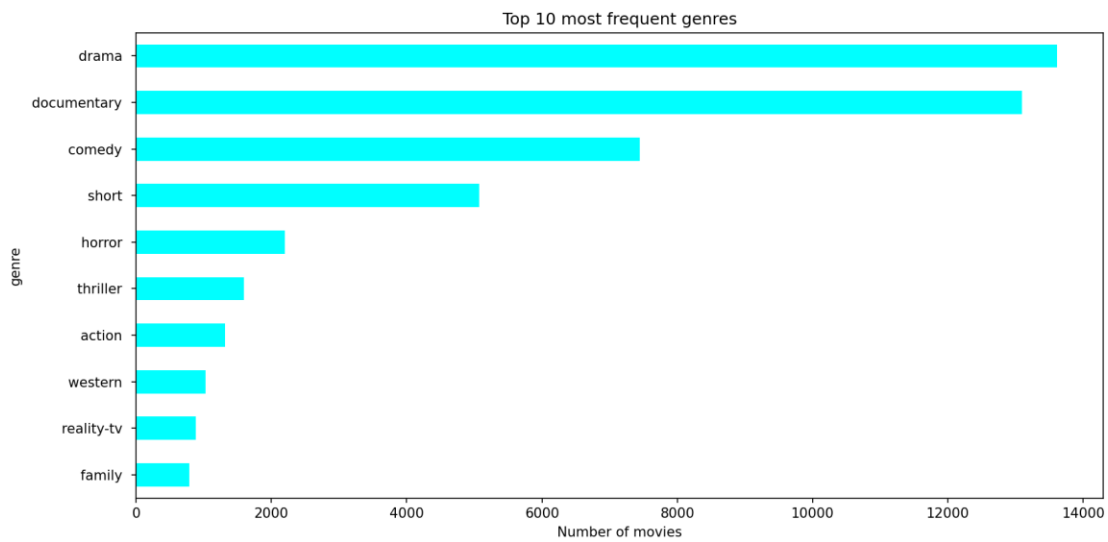
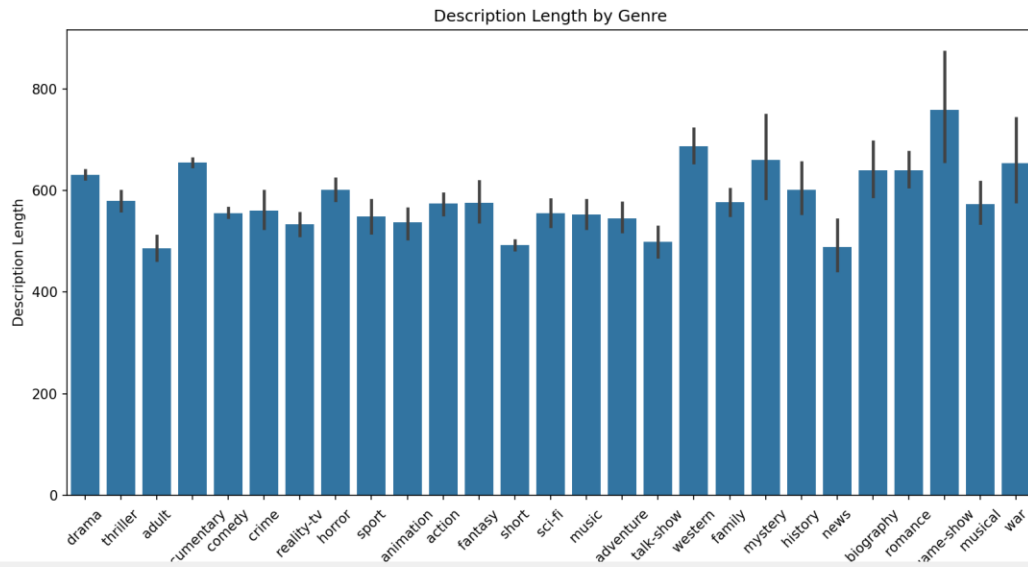


Figure 1



File Edit Selection View Go ...

EXPLORER

- lab3\_datamining.py
- lab4\_datamining.py
- lab5\_datamining.py
- lab6\_datamining.py
- lab7\_datamining.py
- timepass.py
- project
  - codsoft
    - codsoft\_task1.py
    - description.txt
    - test\_data\_solution.txt
    - test\_data.txt
    - train\_data.txt
    - 1.webp
    - 2.jpg
    - 3.webp
    - 4.jpeg

PROBLEMS OUTPUT TERMINAL PORTS

Validation Accuracy: 0.5836945494789265

Validation Classification Report:

	precision	recall	f1-score	support
0	0.44	0.32	0.37	263
1	0.74	0.44	0.55	112
2	0.45	0.21	0.28	139
3	0.47	0.15	0.23	104
4	0.00	0.00	0.00	61
5	0.53	0.59	0.56	1443
6	0.39	0.07	0.11	107
7	0.69	0.81	0.75	2659
8	0.56	0.72	0.63	2697
9	0.36	0.17	0.23	150
10	0.13	0.03	0.04	74
11	0.82	0.68	0.74	40
12	0.00	0.00	0.00	45
13	0.65	0.66	0.66	431
14	0.61	0.53	0.57	144
15	0.25	0.04	0.07	50
16	0.43	0.05	0.10	56
17	0.20	0.06	0.09	34
18	0.49	0.25	0.33	192
19	0.36	0.06	0.10	151
20	0.50	0.28	0.36	143
21	0.44	0.36	0.40	1045
22	0.60	0.41	0.49	93
23	0.62	0.25	0.35	81
24	0.30	0.16	0.21	309
25	0.50	0.05	0.09	20
26	0.85	0.83	0.84	200
accuracy			0.58	10843
macro avg	0.46	0.30	0.34	10843
weighted avg	0.56	0.58	0.56	10843

Test Accuracy: 0.09357933579335793

C:\Users\Lenovo\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\sklearn\metrics\

Ln 99, Col 46 (3649 selected) Spaces: 4 UTF-8 CRLF Python 3.11.7 64-bit (Microsoft Store)

File Edit Selection View Go ...

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PROBLEMS OUTPUT TERMINAL PORTS

C:\Users\Lenovo\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\sklearn\metrics\classification.py:1469: UndefinedMetricWarning: Precision and F-score are ill-defined and being set to 0.0 in labels with no predicted samples. Use 'zero\_division' parameter to control this behavior.

warn\_prf(average, modifier, msg\_start, len(result))

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warn\_prf(average, modifier, msg\_start, len(result))

Test Classification Report:

	precision	recall	f1-score	support
0	0.00	0.00	0.00	1314
1	0.00	0.00	0.00	590
2	0.00	0.00	0.00	775
3	0.00	0.00	0.00	498
4	0.00	0.00	0.00	264
5	0.00	0.00	0.00	7446
6	0.00	0.00	0.00	505
7	0.00	0.00	0.00	13096
8	0.00	0.00	0.00	13612
9	0.00	0.00	0.00	783
10	0.00	0.00	0.00	322
11	0.00	0.00	0.00	193
12	0.00	0.00	0.00	243
13	0.00	0.00	0.00	2204
14	0.00	0.00	0.00	731
15	0.00	0.00	0.00	276
16	0.00	0.00	0.00	318
17	0.00	0.00	0.00	181
18	0.00	0.00	0.00	883
19	0.00	0.00	0.00	672
20	0.00	0.00	0.00	646
21	0.09	1.00	0.17	5072
22	0.00	0.00	0.00	431
23	0.00	0.00	0.00	391
24	0.00	0.00	0.00	1590
25	0.00	0.00	0.00	132
26	0.00	0.00	0.00	1032
accuracy		0.09		54200

Ln 99, Col 46 (3649 selected) Spaces: 4 UTF-8 CRLF Python 3.11.7 64-bit (Microsoft Store)

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    - test\_data.txt
    - train\_data.txt
    - 1.webp
    - 2.jpg
    - 3.webp
  - OPEN EDITORS
    - domonant.py E:\lab\...
    - codsoft\_task1.py E:\lab\...
    - Codsoft Task-2 Credit Card Fraud Detection.ipynb
    - lab4\_datamining.py...
    - Codsoft Task1 MOVIE GENRE CLASSIFICATION.ipynb
    - 1.webp E:\lab\project
  - DEBUG CONSOLE
    - Filter (e.g. Text, Test,...
  - OUTLINE
  - TIMELINE

domonant.py codsoft\_task1.py Codsoft Task-2 Credit Card Fraud Detection.ipynb lab4\_datamining.py Codsoft Task1 MOVIE GENRE CLASSIFICATION.ipynb

C:\Users\Lenovo\Downloads> Codsoft Task-2 Credit Card Fraud Detection.ipynb > import pandas as pd

+ Code + Markdown

```
from sklearn.metrics import classification_report, confusion_matrix, accuracy_score
```

PROBLEMS OUTPUT TERMINAL PORTS

Test Classification Report:

	precision	recall	f1-score	support
0	0.00	0.00	0.00	1314
1	0.00	0.00	0.00	500
2	0.00	0.00	0.00	775
3	0.00	0.00	0.00	498
4	0.00	0.00	0.00	264
5	0.00	0.00	0.00	746
6	0.00	0.00	0.00	505
7	0.00	0.00	0.00	13096
8	0.00	0.00	0.00	13612
9	0.00	0.00	0.00	783
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11	0.00	0.00	0.00	193
12	0.00	0.00	0.00	243
13	0.00	0.00	0.00	2204
14	0.00	0.00	0.00	731
15	0.00	0.00	0.00	276
16	0.00	0.00	0.00	318
17	0.00	0.00	0.00	181
18	0.00	0.00	0.00	883
19	0.00	0.00	0.00	672
20	0.00	0.00	0.00	646
21	0.09	1.00	0.17	5072
22	0.00	0.00	0.00	431
23	0.00	0.00	0.00	391
24	0.00	0.00	0.00	1590
25	0.00	0.00	0.00	132
26	0.00	0.00	0.00	1832
accuracy			0.09	54200
macro avg	0.00	0.04	0.01	54200
weighted avg	0.01	0.09	0.02	54200
action				
drama				

3.11.7 64-bit (Microsoft Store) Cell 1 of 21

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