IMDB Dataset of 50K Movie Reviews

Large Movie Review Dataset

Data Card

Code (1770) Discussion (9)

Suggestions (1)

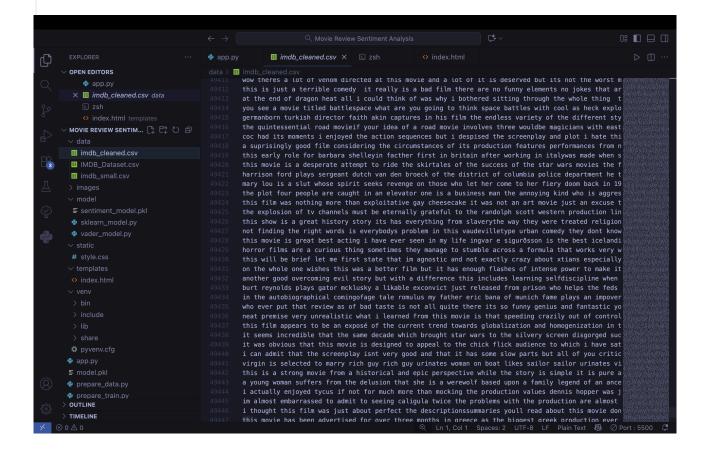
About Dataset

IMDB dataset having 50K movie reviews for natural language processing or Text analytics.

This is a dataset for binary sentiment classification containing substantially more data than previous benchmark datasets. We provide a set of 25,000 highly polar movie reviews for training and 25,000 for testing. So, predict the number of positive and negative reviews using either classification or deep learning algorithms.

For more dataset information, please go through the following link,

http://ai.stanford.edu/~amaas/data/sentiment/

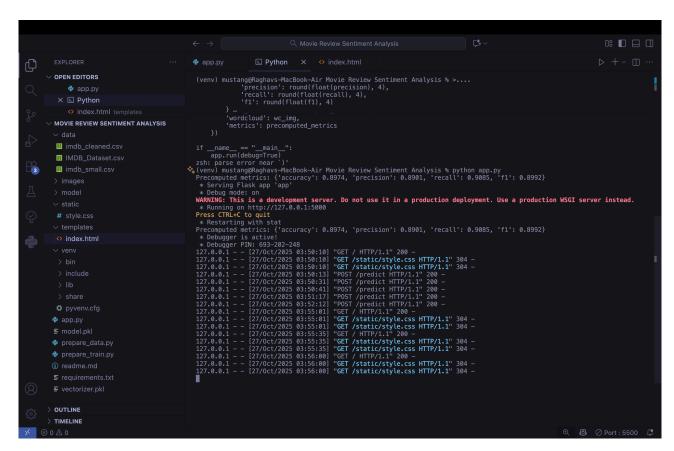


Performance analysis

After training and testing 2k dataset

Metric	Value (approx)
Accuracy	80–83%
Precision	0.80-0.83
Recall	0.78-0.82
F1-score	0.79–0.82

After training and testing 50k dataset



Performance metrics

```
(venv) mustang@Raghavs-MacBook-Air Movie Review Sentiment Analysis % python app.py
Precomputed metrics: {'accuracy': 0.8974, 'precision': 0.8901, 'recall': 0.9085, 'f1': 0.8992}
 * Serving Flask app 'app'
 * Debug mode: on
```