PS C:\drive D\coincent\assignment\_2\text\_classification> & "C:/drive D/python/software/python.exe" "c:/drive D/coincent/assignment\_2/text\_classification/src/load\_toys\_data.py"

Total records: 890874

main\_category title average\_rating rating\_number ... parent\_asin bought\_together subtitle author

0 Toys & Games KUNGOON Happy Anniversary Balloon Banner,Weddi... 4.5 241 ... B08GPM7CQN None None None

1 Toys & Games Gothic Mothman Plushie Doll with Bright Red Ey... 1.3 2 ... B09X9XW42H None None None

2 Toys & Games Melody Jane Dollhouse Builders DIY 1:24 Scale ... 4.2 67 ... B01I9QET6M None None None

3 Toys & Games Traxxas Stampede 4X4: 1/10 Scale 4wd Monster T... 4.5 48 ... B019XEEX1A None None None

4 Toys & Games Hot Wheels Monster Truck 1:24 Scale 2022 Bone ... 4.8 17699 ... B09G7K3JWQ None None None

[5 rows x 16 columns]

sentiment

positive 700290

negative 19681

Name: count, dtype: int64

Model Accuracy: 0.8441890343414702

Confusion Matrix:

[[ 1794 2051]

[ 20385 119765]]

Classification Report:

precision recall f1-score support

negative 0.08 0.47 0.14 3845

positive 0.98 0.85 0.91 140150

accuracy 0.84 143995

macro avg 0.53 0.66 0.53 143995

weighted avg 0.96 0.84 0.89 143995

PS C:\drive D\coincent\assignment\_2\text\_classification>