

ACCURACY OF MODEL:

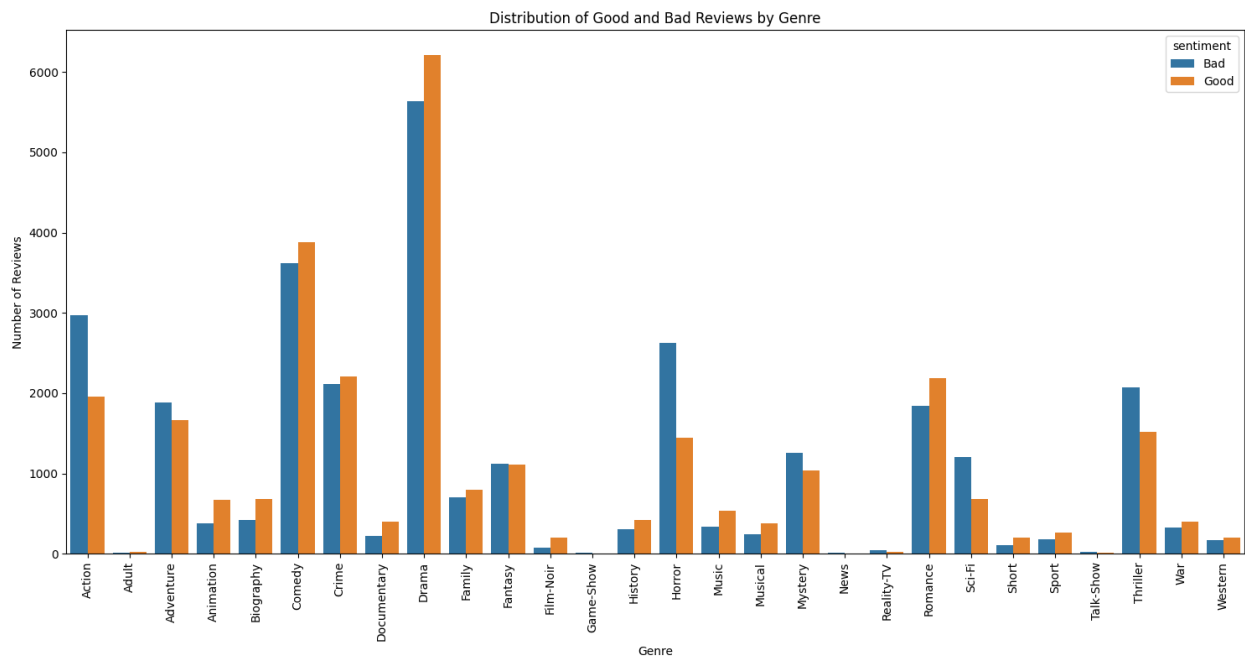
```
Accuracy: 0.8943  
Precision: 0.9053  
Recall: 0.8839
```

SENTIMENT OUTPUT TABLE:

predicted_sentiment	0	1
genre		
Action	2972	1958
Adult	8	20
Adventure	1888	1664
Animation	381	671
Biography	423	684
Comedy	3615	3876
Crime	2116	2207
Documentary	221	403
Drama	5640	6212
Family	699	798
Fantasy	1119	1108
Film-Noir	77	198
Game-Show	15	5
History	306	416
Horror	2622	1449
Music	332	537
Musical	244	375
Mystery	1258	1037

predicted_sentiment	0	1
genre		
News	13	7
Reality-TV	40	20
Romance	1846	2191
Sci-Fi	1202	685
Short	107	202
Sport	181	267
Talk-Show	19	13
Thriller	2077	1517
War	324	402
Western	166	205

SENTIMENT CHART:



WRITTEN RESULTS:

Genre with the largest discrepancy (most bad reviews relative to good):
 'Horror' (1173 difference)
 Genre with the worst reviews (highest bad to good ratio): 'Game-Show'
 (3.00 ratio)

CHART OF GENRE RATIOS:

Genres ranked by the ratio of bad to good reviews (showing bad and good counts):

predicted_sentiment	Bad Reviews	Good Reviews	bad_to_good_ratio
genre			
Game-Show	15	5	3.000000
Reality-TV	40	20	2.000000
News	13	7	1.857143
Horror	2622	1449	1.809524
Sci-Fi	1202	685	1.754745
Action	2972	1958	1.517875
Talk-Show	19	13	1.461538
Thriller	2077	1517	1.369150
Mystery	1258	1037	1.213115
Adventure	1888	1664	1.134615
Fantasy	1119	1108	1.009928
Crime	2116	2207	0.958768
Comedy	3615	3876	0.932663
Drama	5640	6212	0.907920
Family	699	798	0.875940
Romance	1846	2191	0.842538
Western	166	205	0.809756

predicted_sentiment	Bad Reviews	Good Reviews	bad_to_good_ratio
genre			
War	324	402	0.805970
History	306	416	0.735577
Sport	181	267	0.677903
Musical	244	375	0.650667
Biography	423	684	0.618421
Music	332	537	0.618250
Animation	381	671	0.567809
Documentary	221	403	0.548387
Short	107	202	0.529703
Adult	8	20	0.400000
Film-Noir	77	198	0.388889

CROSS VALIDATION (5 times):

```
Cross-validation accuracy scores: [0.89650641 0.89218048 0.89289234
0.88659512 0.89102459]
Mean cross-validation accuracy: 0.8918
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