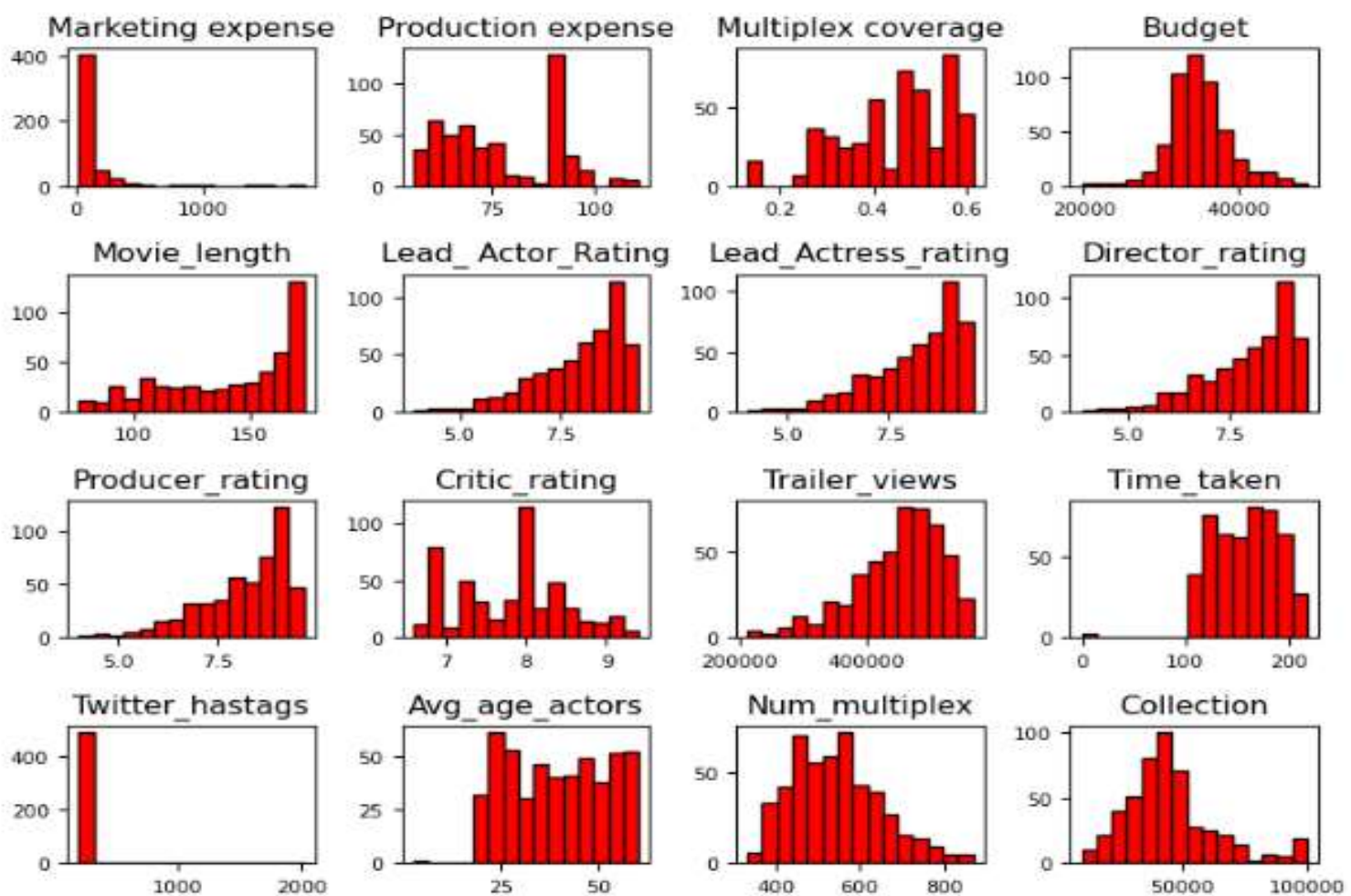


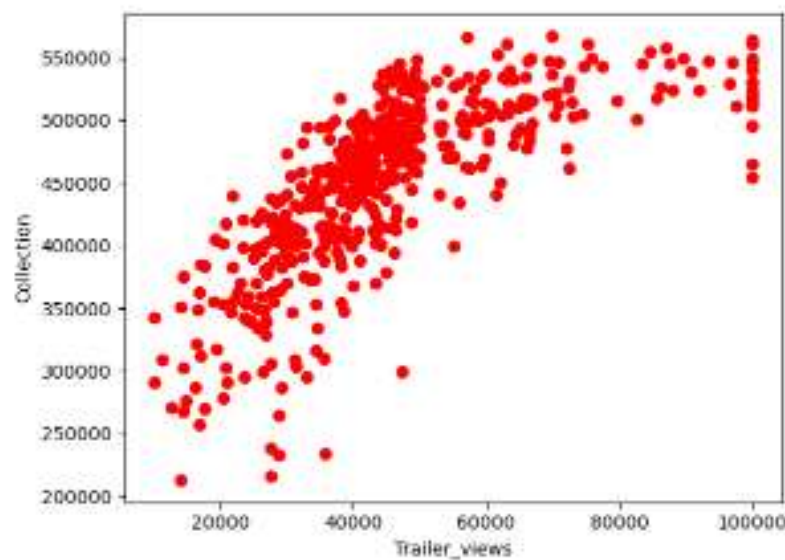
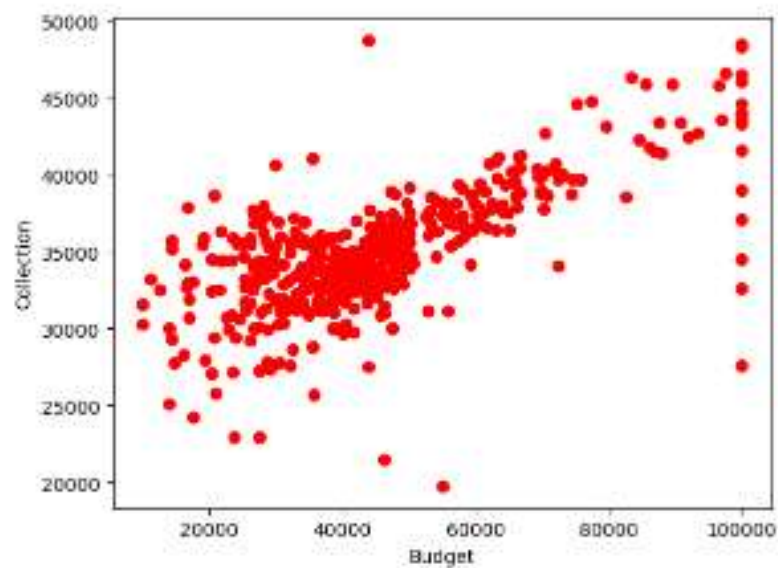
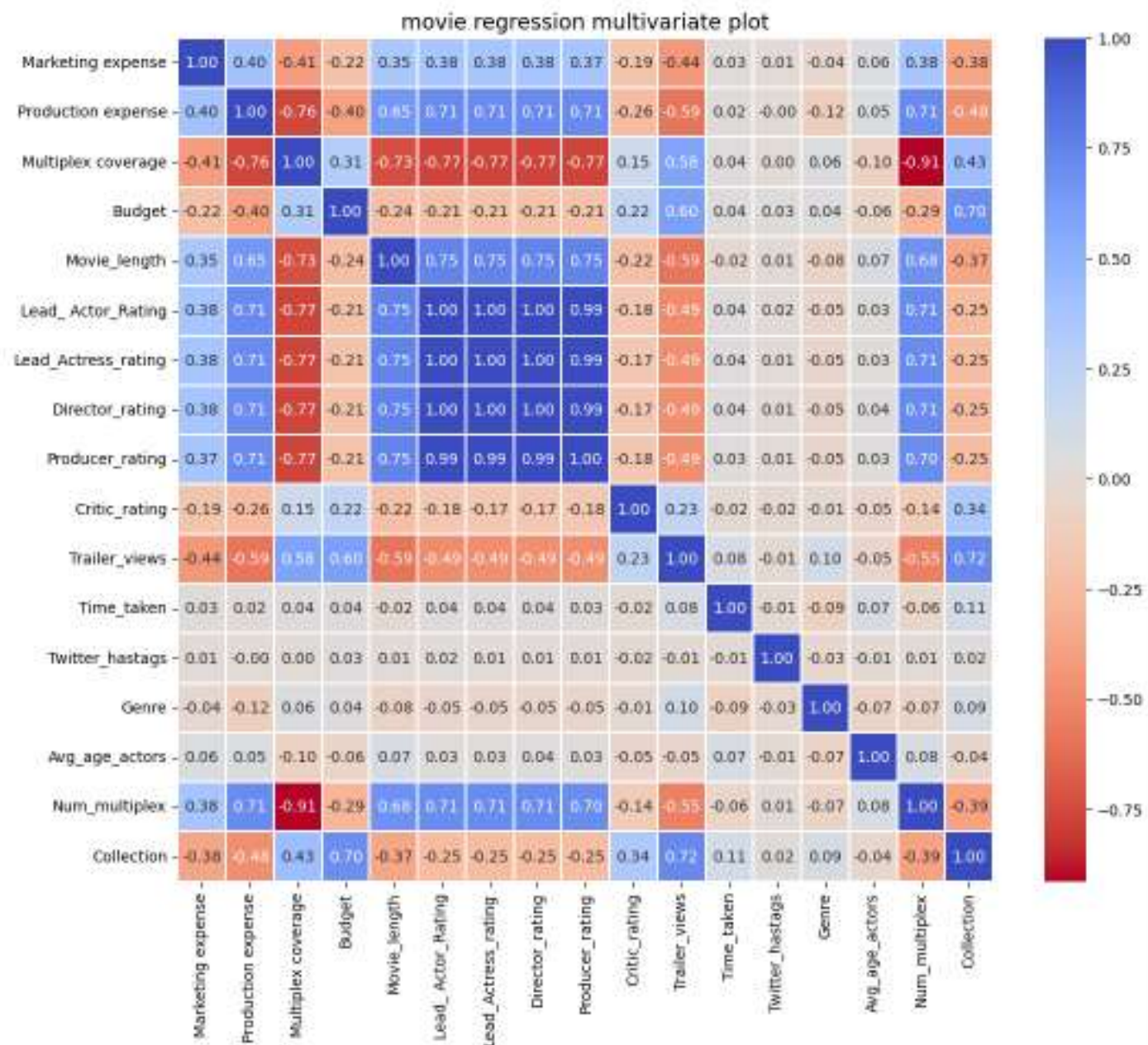
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<class 'pandas.core.frame.DataFrame'>
Index: 494 entries, 0 to 505
Data columns (total 17 columns):
#   Column                Non-Null Count  Dtype
---  -
0   Marketing expense      494 non-null    float64
1   Production expense     494 non-null    float64
2   Multiplex coverage     494 non-null    float64
3   Budget                 494 non-null    float64
4   Movie_length           494 non-null    float64
5   Lead_Actor_Rating      494 non-null    float64
6   Lead_Actress_rating    494 non-null    float64
7   Director_rating        494 non-null    float64
8   Producer_rating        494 non-null    float64
9   Critic_rating          494 non-null    float64
10  Trailer_views          494 non-null    int64
11  Time_taken             494 non-null    float64
12  Twitter_hastags         494 non-null    float64
13  Genre                  494 non-null    object
14  Avg_age_actors         494 non-null    int64
15  Num_multiplex           494 non-null    int64
16  Collection              494 non-null    int64
dtypes: float64(12), int64(4), object(1)
memory usage: 69.5+ KB

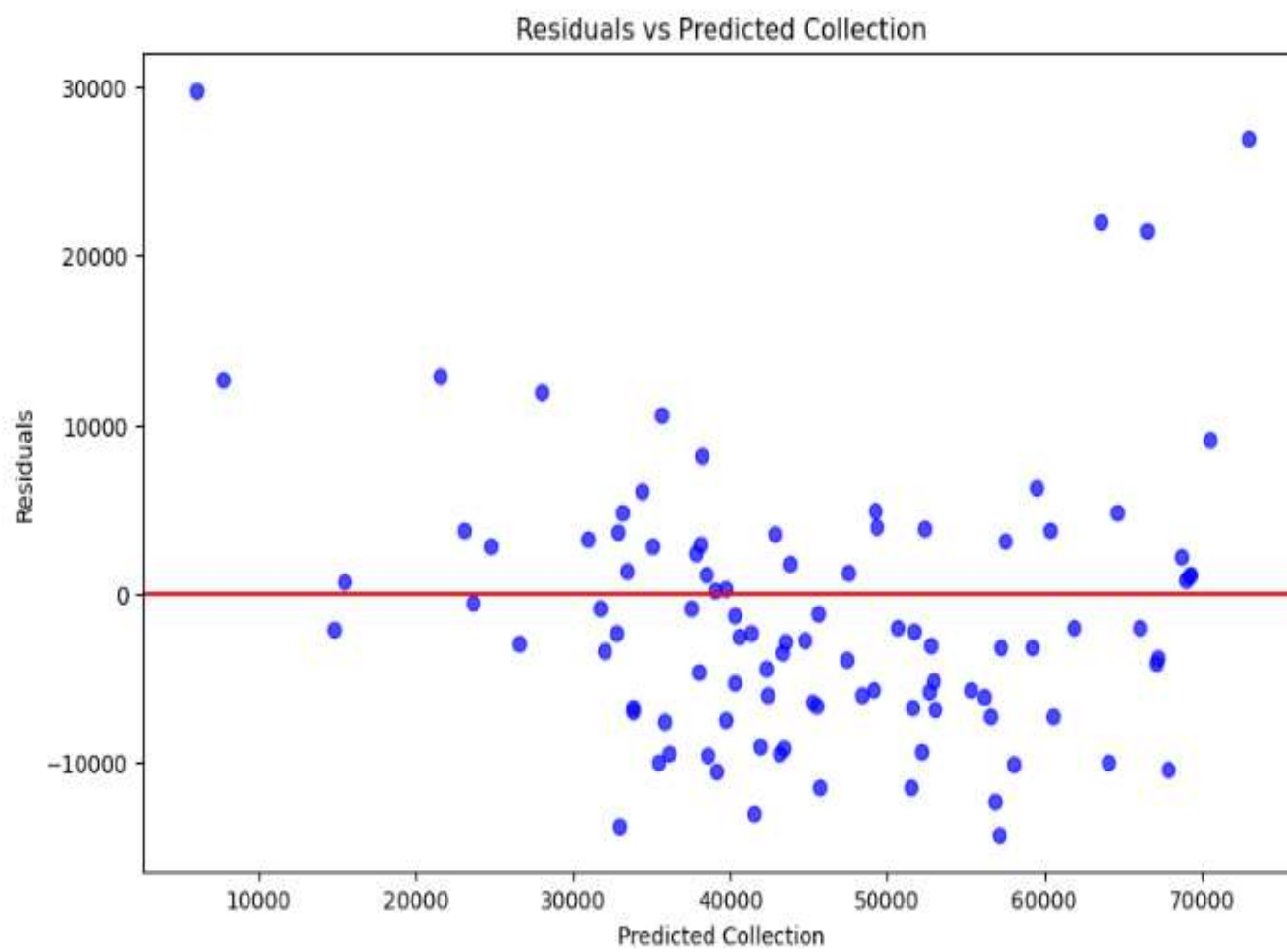
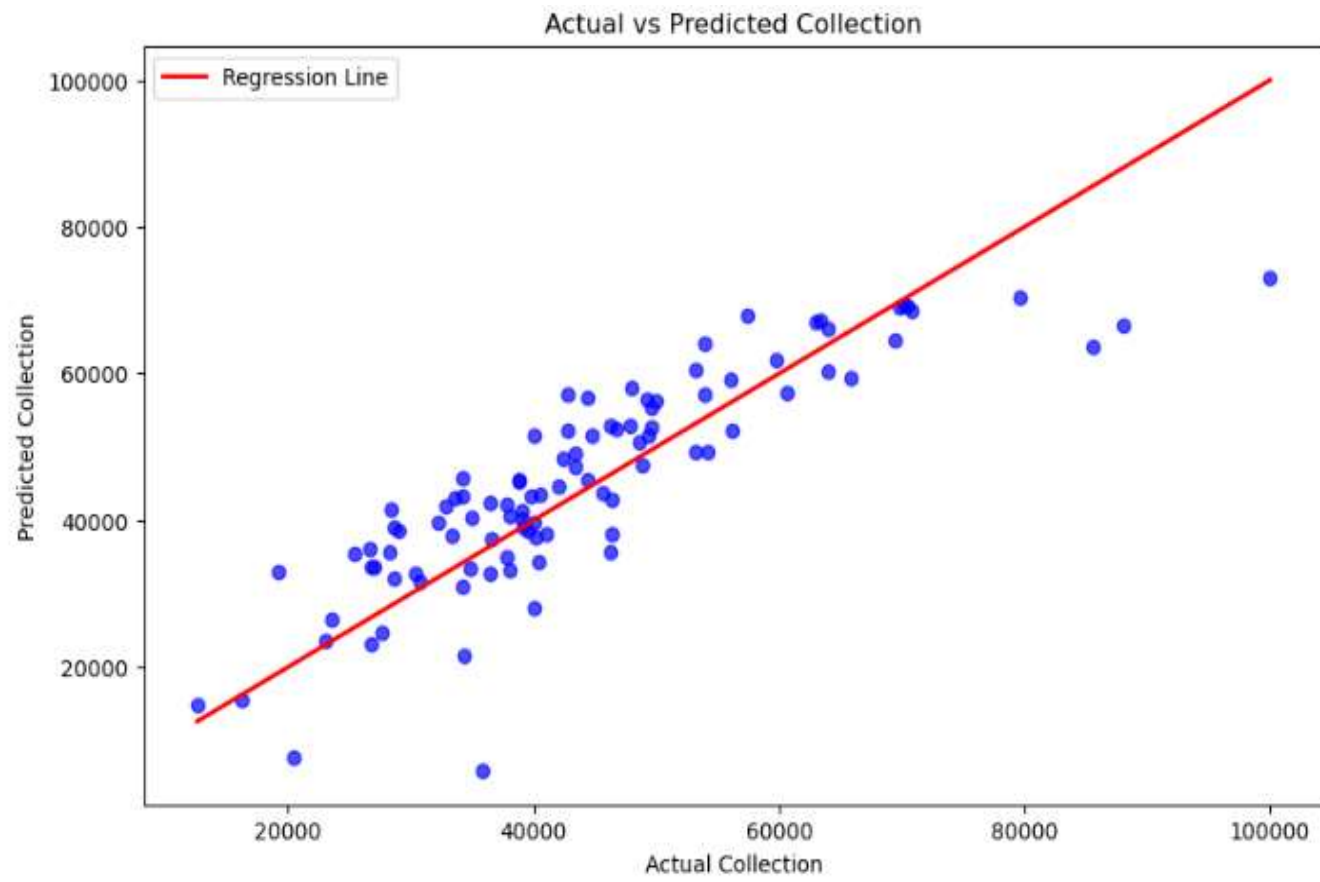
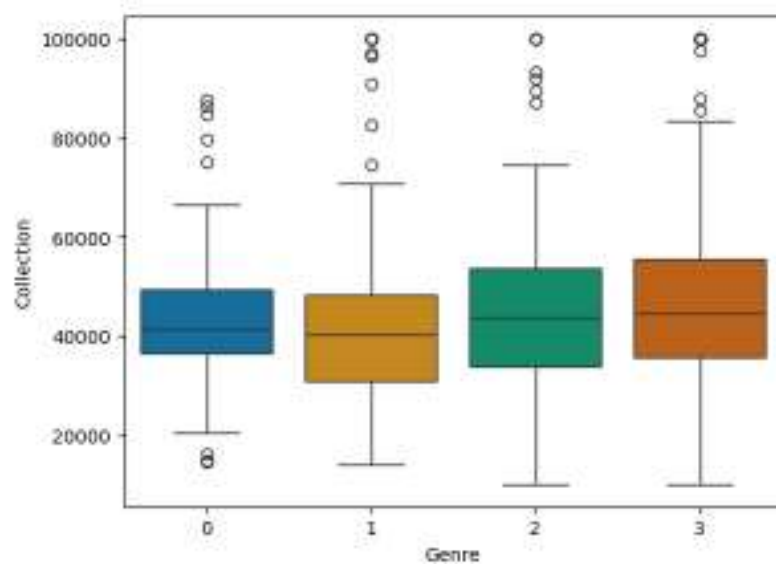
```

Movie Regression Univariate analysis





R² Score: 0.7258223521432454
 mean absolute error: 6185.983522143777



[[5271066.55209842]
[6242955.95955022]]