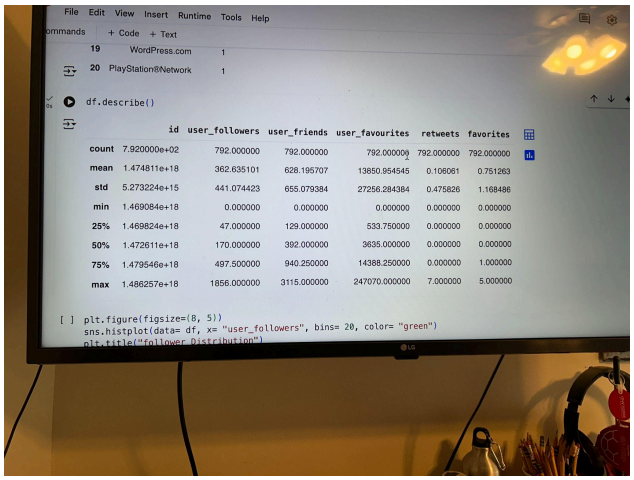
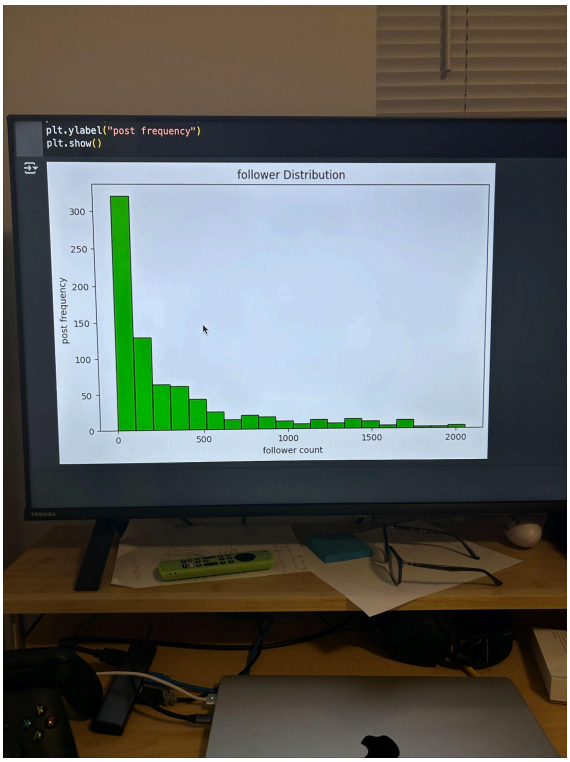
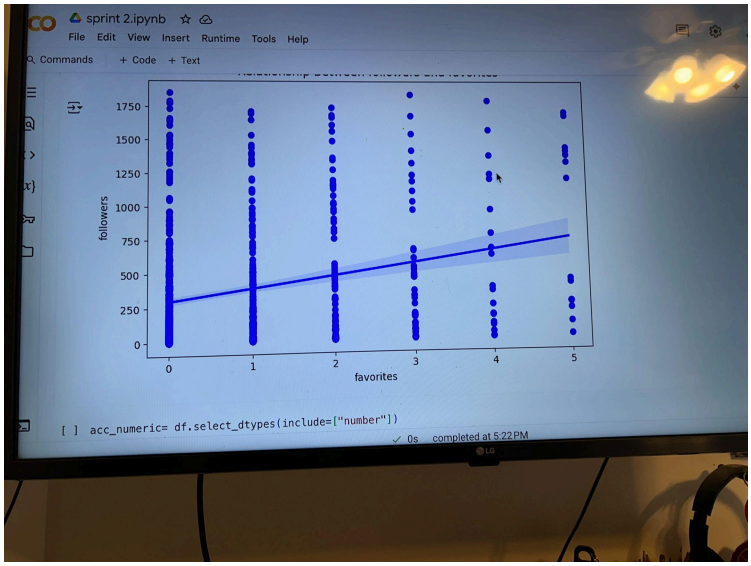
Descriptive Statistics



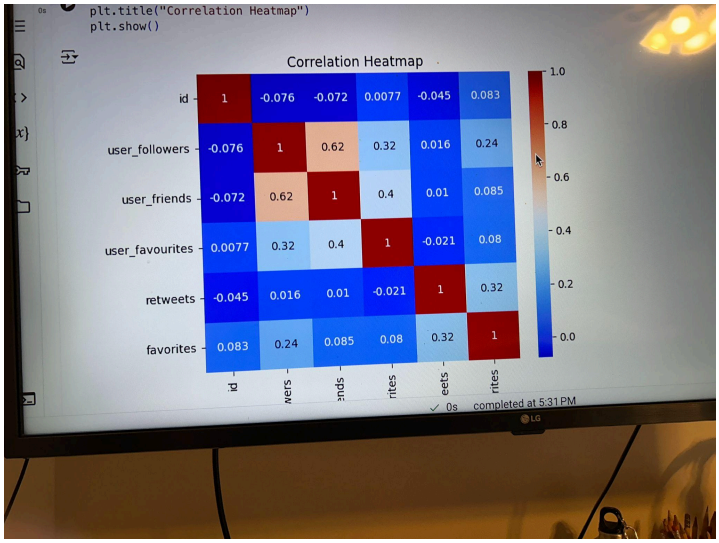
Histogram for follower distribution



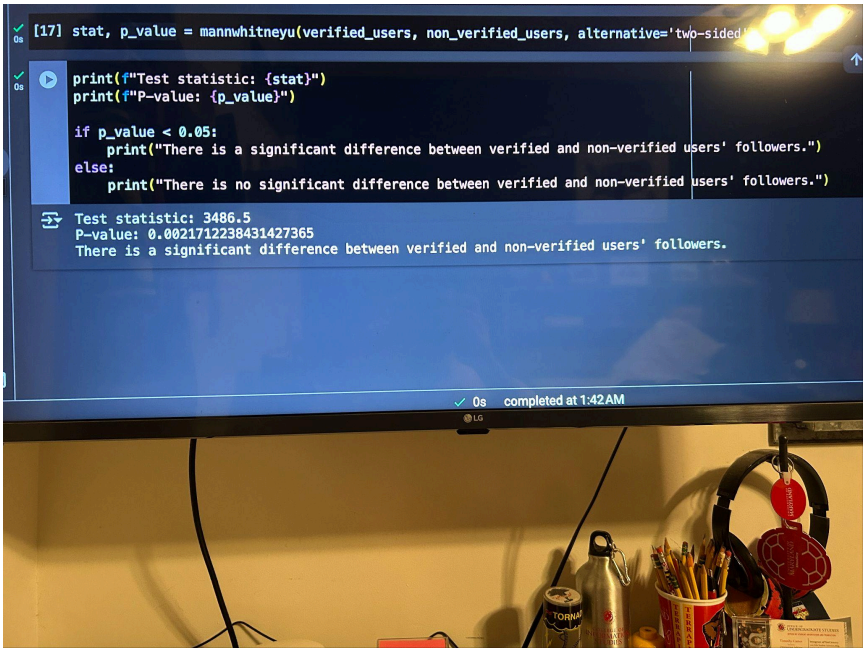
Regression plot for follower favorite relationship



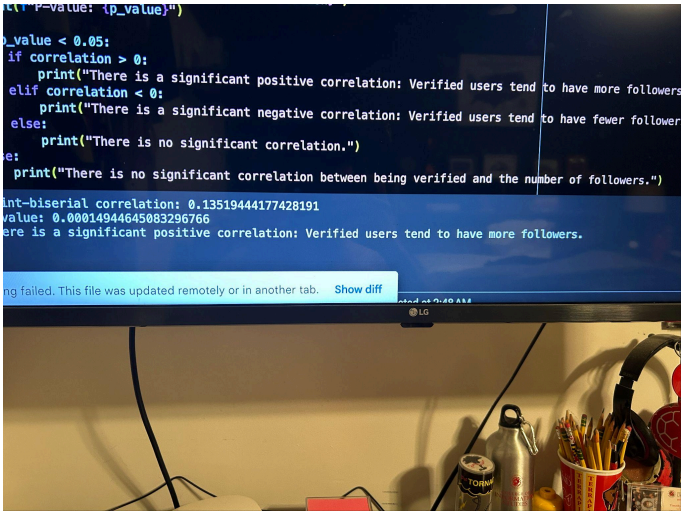
Correlation Heatmap of dataset



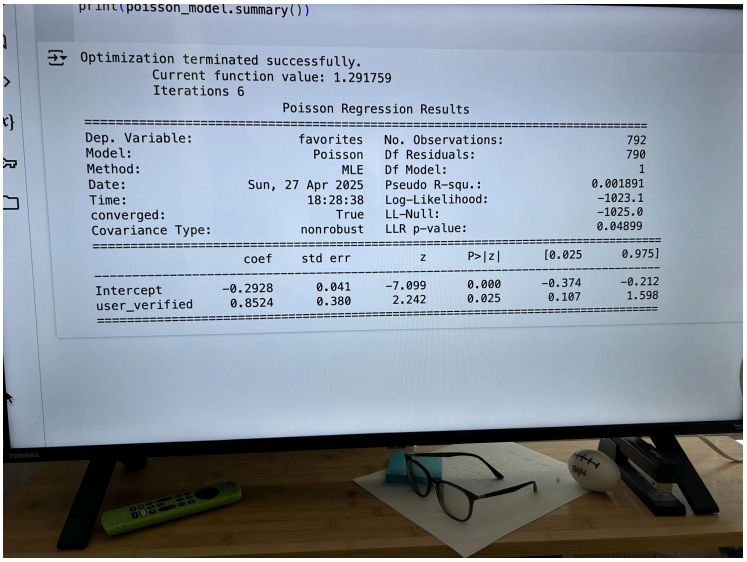
Mann Whitney U test results for verified vs unverified users



Point Biserial Correlation Test for checking relationship between verified users and follower counts



Poisson Regression Model results for favorites vs verified users



```
print(poisson_model.summary())

Optimization terminated successfully.
         Current function value: 1.291759
         Iterations 6
                          Poisson Regression Results
==============================================================================
Dep. Variable:              favorites   No. Observations:                  792
Model:                        Poisson   Df Residuals:                      790
Method:                           MLE   Df Model:                            1
Date:                Sun, 27 Apr 2025   Pseudo R-squ.:                0.001891
Time:                        18:28:38   Log-Likelihood:                -1023.1
converged:                       True   LL-Null:                       -1025.0
Covariance Type:            nonrobust   LLR p-value:                   0.04899
==============================================================================
                 coef    std err          z      P>|z|      [0.025      0.975]
------------------------------------------------------------------------------
Intercept     -0.2928      0.041     -7.099      0.000      -0.374      -0.212
user_verified  0.8524      0.380      2.242      0.025       0.107       1.598
==============================================================================
```