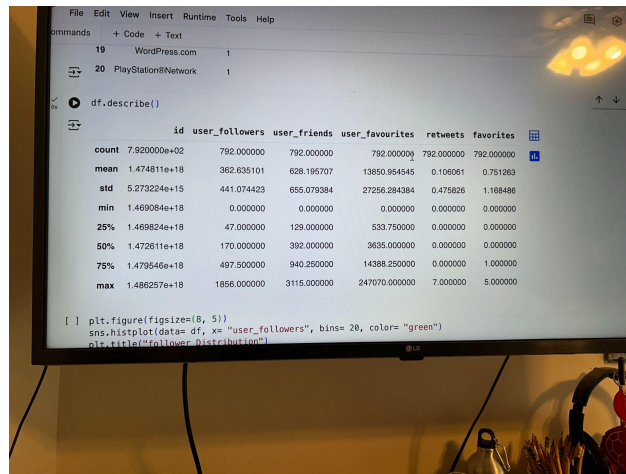
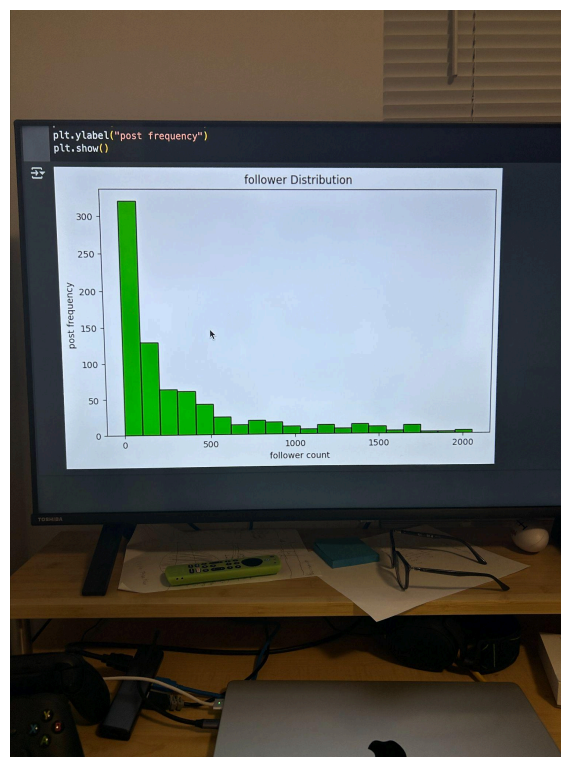


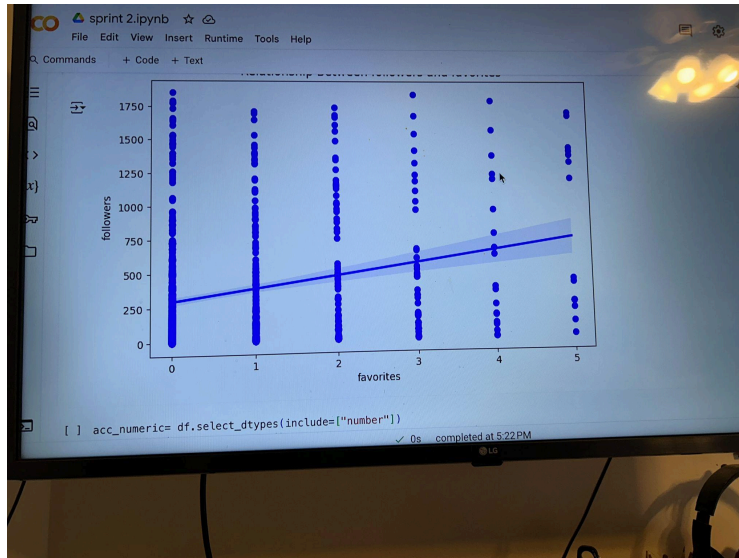
Descriptive Statistics



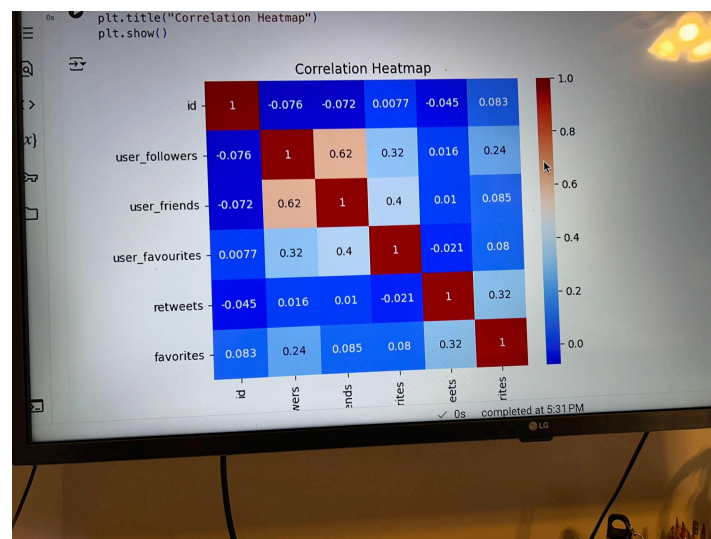
Histogram for follower distribution



Regression plot for follower favorite relationship



Correlation Heatmap of dataset



Mann Whitney U test results for verified vs unverified users

```
[17] stat, p_value = mannwhitneyu(verified_users, non_verified_users, alternative='two-sided')

print(f"Test statistic: {stat}")
print(f"P-value: {p_value}")

if p_value < 0.05:
    print("There is a significant difference between verified and non-verified users' followers.")
else:
    print("There is no significant difference between verified and non-verified users' followers.")

Test statistic: 3486.5
P-value: 0.0021712238431427365
There is a significant difference between verified and non-verified users' followers.

0s completed at 1:42AM
```

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

```
print(f"P-value: {p_value}")

p_value < 0.05:
if correlation > 0:
    print("There is a significant positive correlation: Verified users tend to have more followers.")
elif correlation < 0:
    print("There is a significant negative correlation: Verified users tend to have fewer followers.")
else:
    print("There is no significant correlation.")
else:
    print("There is no significant correlation between being verified and the number of followers.")

Point-biserial correlation: 0.13519444177428191
P-value: 0.00014944645083296766
There is a significant positive correlation: Verified users tend to have more followers.

ng failed. This file was updated remotely or in another tab. Show diff
```

Poisson Regression Model results for favorites vs verified users

