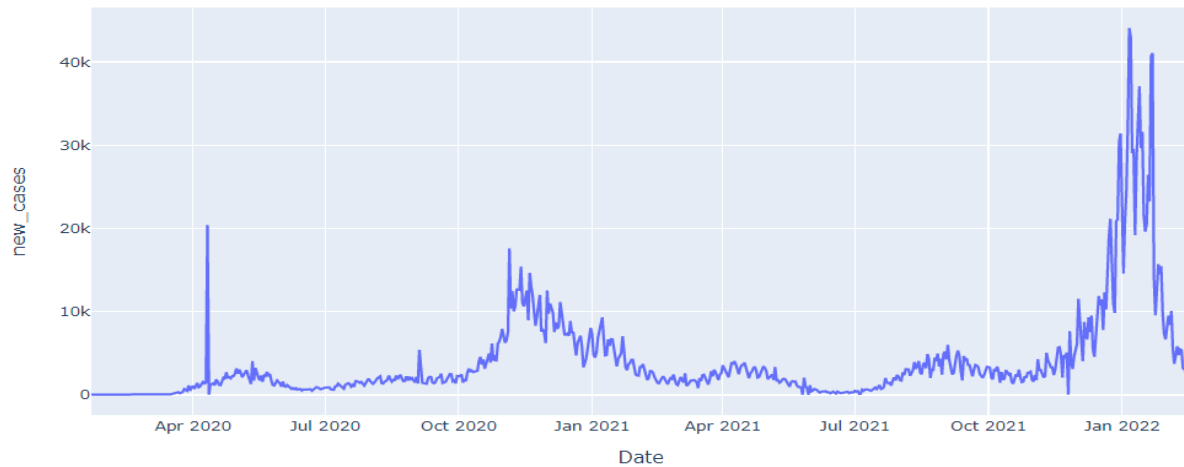# PROJECT STAGE 2:
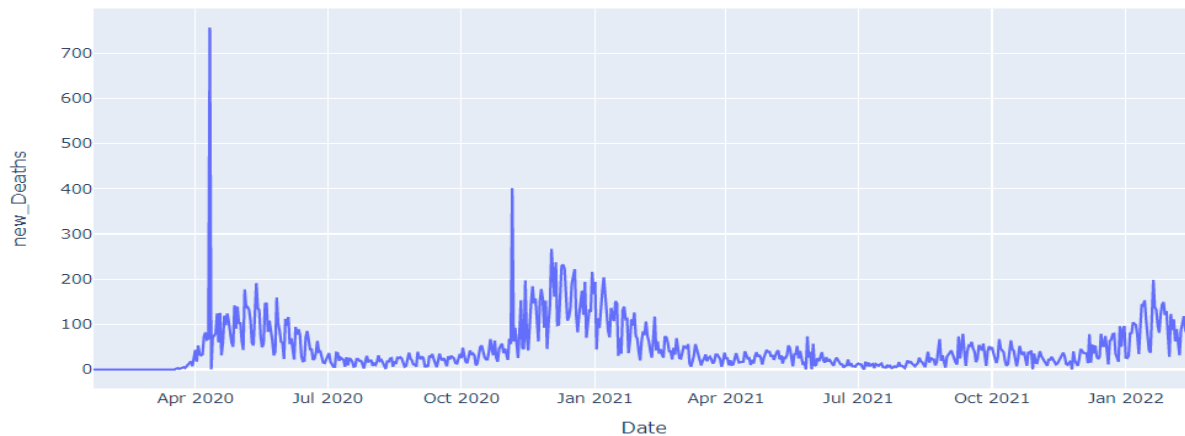
1.Daily Trends of New Cases of ILLINOIS State

Daily Trends of new cases in ILLINOIS State

2. Daily Trends of New Deaths of ILLINOIS State

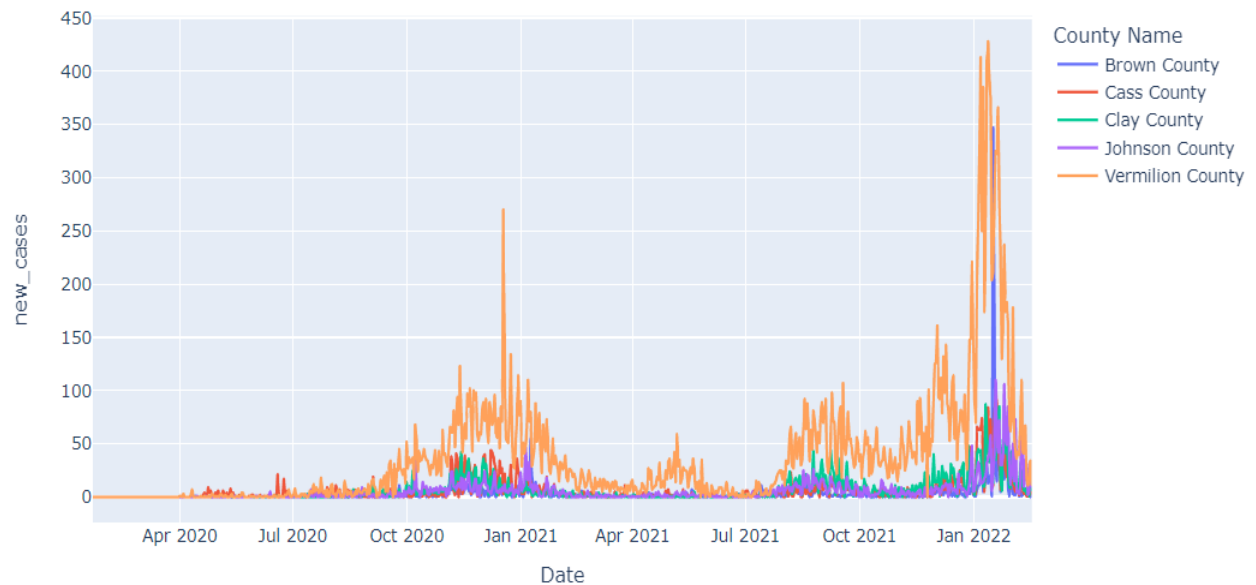Daily Trends of new deaths in ILLINOIS State

Mean, Median< Variance and Skewness of ILLINOIS covid cases:

```
mean,median, variance, skewness, kurtosis of the ILLINOIS State
mean = 32
median = 17
variance = 2095
skewness = 4
kurtosis = 16
```
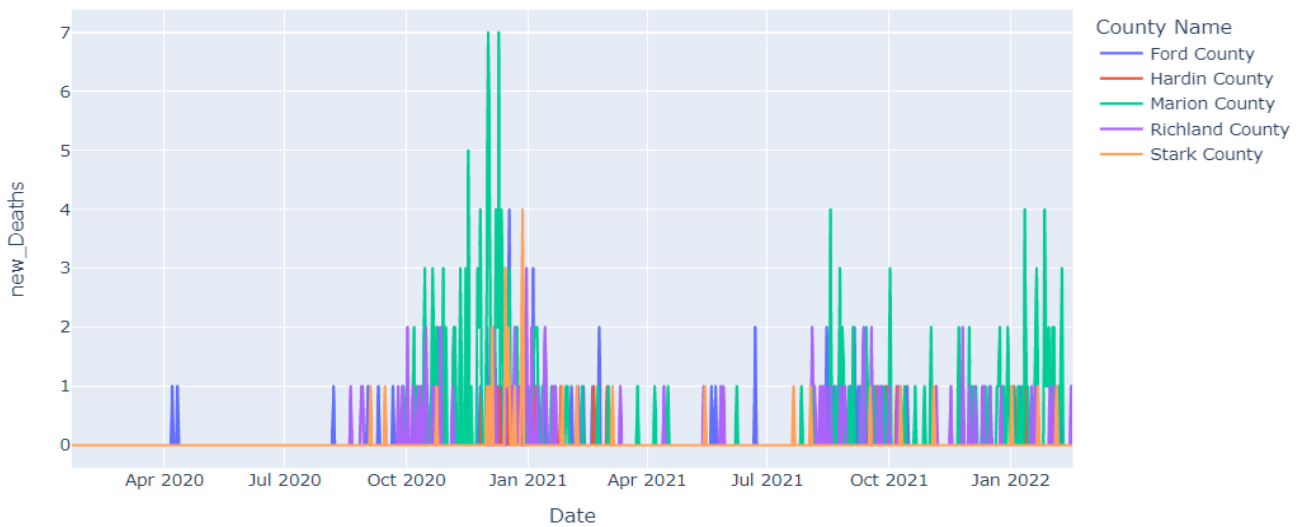
Daily Trends of Top 5 Counties of ILLINOIS state with high cases

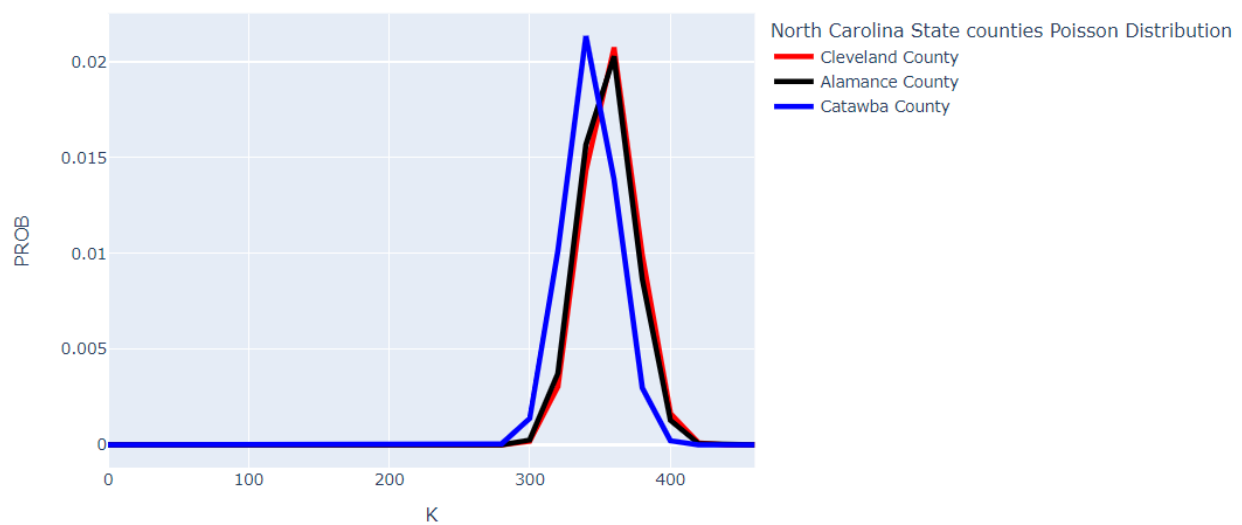Top 5 counties of ILLINOIS with high cases

Daily Trends of Top 5 counties with high deaths

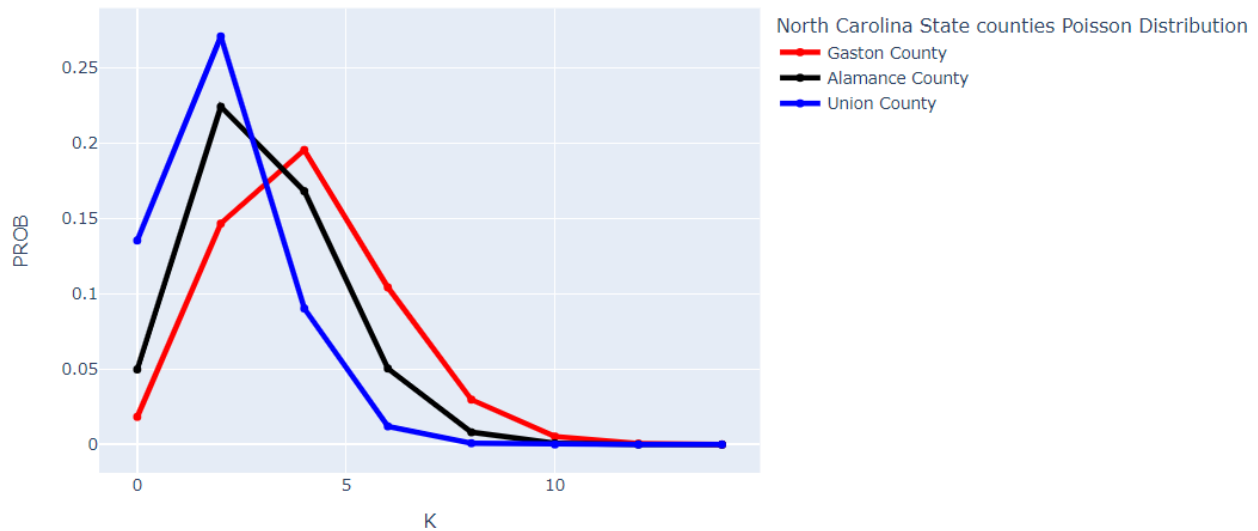Top 5 counties of ILLINOIS with high deaths

NC State top 3 counties with high cases

Possion ditribution for top counties in NC with highcases normalized

NC State top 3 counties with high deaths

Possion ditribution for random three counties in NC with high deaths normalized

Analysis after correlation between the social characteristics data variables and covid data:

From the analysis we observed that households with seniors are ones who are effected highly and also high rise in the internet subscriptions during when here is increase in the covid cases

Observations:

There is a high correlation between the number Households with senior, internet usage and covid cases

By the above observation we can say that households with senoir are effected highly due to covid

Increase in the number of internet subscriptions with increase in cases due to amid lockdown