**EXECUTIVE SUMMARY**

This Analysis project was aim at generating insight into the impact of Coronavirus disease (Covid 19)

in all the 37 states (Federal Capital territory included) in Nigeria.

The Dataset used were source as follows:

Nigeria Centre for Diseases Control (NCDC) official website.

Repository of Johns Hopkins University Center for Systems Science and Engineering (JHU CSSE).

Real Domestic Gross Product (GDP) data for Nigeria.

States Budget data.

**Project step:**

Dataset was scrap from NCDC official site, also dataset of Nigeria daily confirmed covid cases (lab test),

the daily recovered cases and daily death cases were extracted from the global daily cases on (JHU CSSE)

repository. The Real Domestic Gross Product (GDP) data for Nigeria was access as well.

These datasets were collated, clean, filter, merged were necessary, then transformed and visualized using Seaborn, matplotlib and pandas Python method.

**Insight**

Lagos has the highest figure in term of covid confirmed cases (lab test), discharge cases and death cases.

The maximum daily infection rate was 6155.

The average daily infection rate was 233.44

There is no correlation between confirmed cases and the overall Nigeria community vulnerability index.

There is linear relationship between the population density and the confirmed cases.

There is correlation between the population density and death rate.

The value of GDP contracted in the second quarter of 2020 during the covid 19.

Lagos states have the highest initial budget follow by cross river states.

The impact of covid-19 forces states to revised their initial budget downward.

Explore more insight to determine relationship between features.

Inconclusion, it is obvious that the coronavirus disease hit the economy hard impact and affected the countries activities. Which

Lead to shutting down businesses’ airports, state-wide lockdown and curfew.

**Recommendation**

They should be a deliberate stand by comprehensive Government policy that can mitigate against any

unforeseen circumstances.