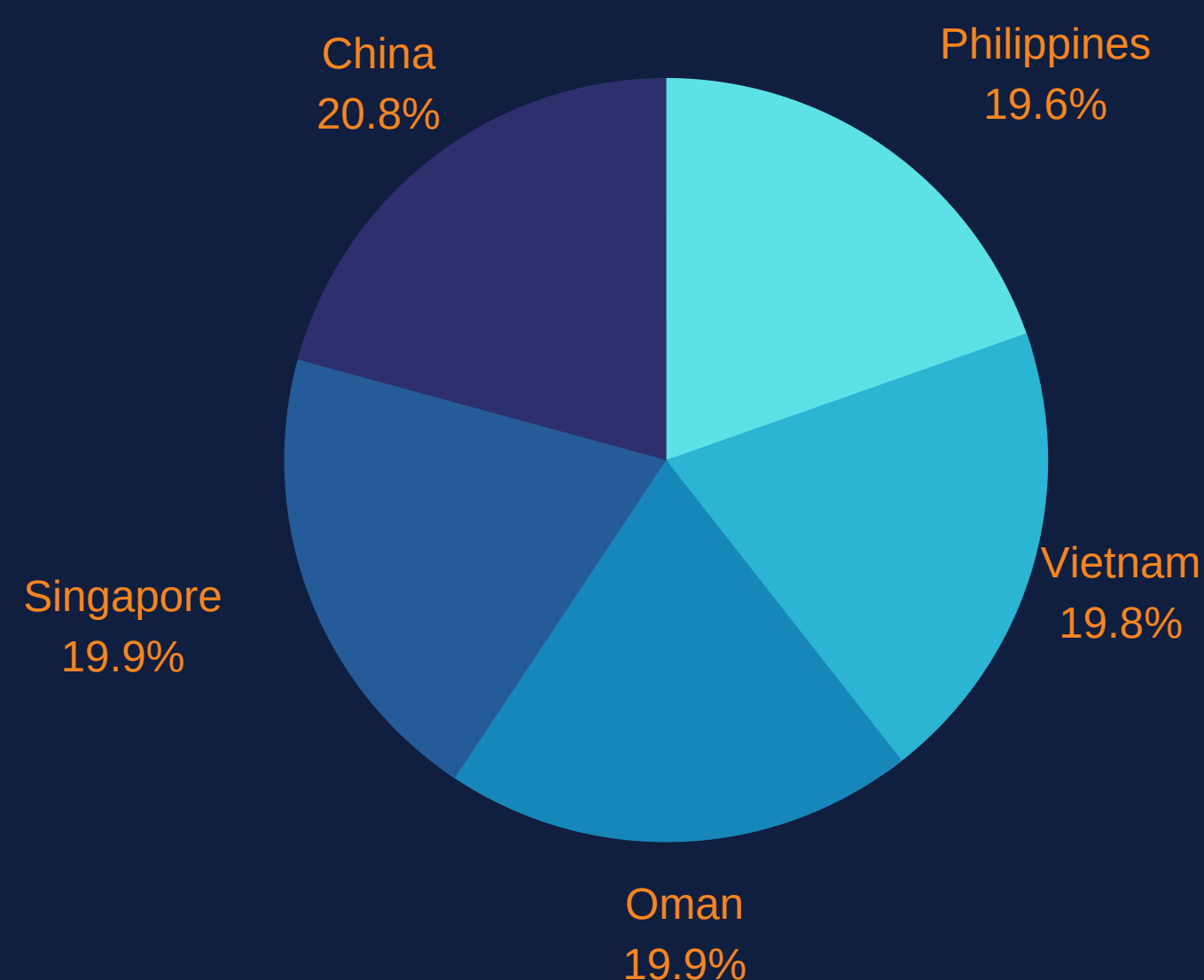# IMPACT COVID 19 IN GLOBAL ECONMY

Predicting impact Covid-19 pandemic on GDPCAP

INTRODUCTION:

The global pandemic has disrupted business activities worldwide. But COVID-19's economic impact has varied across regions, and the consequences have been largely dependent on a region's economic position. So I decided to make a model to try to predict GDPCAP.

COUNTRIES WILLING TO FOLLOWING THE RULES:

China 20.8%
Philippines 19.6%
Singapore 19.9%
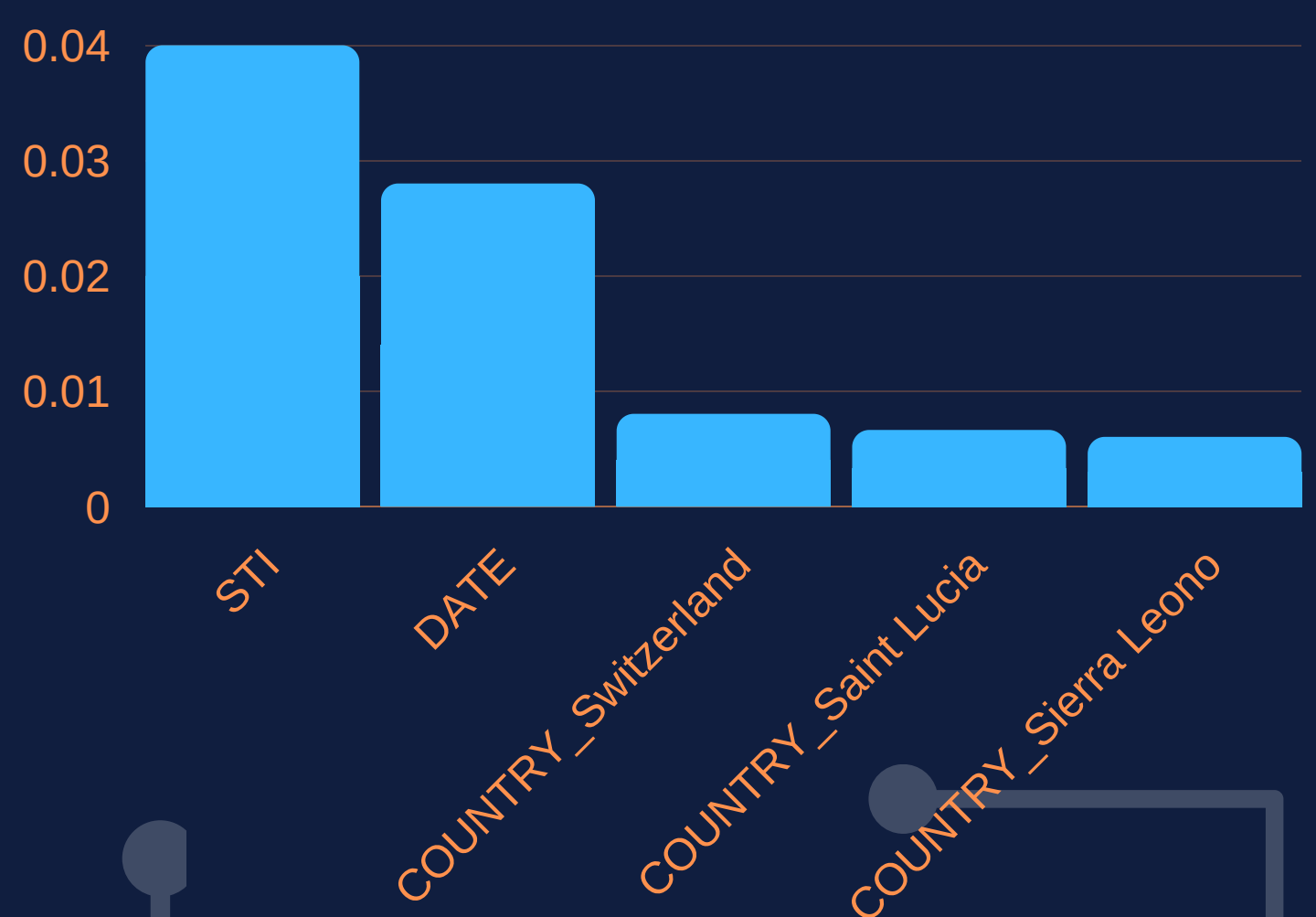Vietnam 19.8%
Oman 19.9%

BUSINESS PROBLEM:

Predicting the impact of Covid-19 on the global economy especially in Gross Domestic Product Per Capita on citizens.

DATA PRE-PROCESSING:

- Filling missing values
- Drop unhelpful columns
- Get dummies
- Split data manually
- Choose right models

FEATURE IMPORTANCE:

0.04
0.03
0.02
0.01
0

STI   DATE   COUNTRY_Switzerland   COUNTRY_Saint Lucia   COUNTRY_Sierra Leono

RESULTS:

LinearRegression MSE :0.00
RandomForestRegression MSE: 0.04
XGBoostRegression MSE: 0.47
DecisionTreeRegression MSE: 0.00

For more details click here