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PREPARED BY:

GROUP P

**COLLEGE OF COMPUTING AND INFORMATION SCIENCES**

**SOFTWARE ENGINEERING YEAR TWO (2)**

**YEAR TWO FINAL RECESS PROJECT**

**(PYTHON DATA ANALYSIS)**

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| RECESS REPORT FOR YEAR 2 DATA ANALYSIS  (RECESS PROJECT) | Abstract  This is a final report for the recess project 2022, Software Engineering Year 2 prepared by recess group P  COURSE TITLE  BSE2301 SOFTWARE ENGINEERING MINI PROJECT 2 |

September, 24th 2022

**GROUP MEMBERS**

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**Executive summary**

This report summarizes the statistical and visual modelling and analysis results associated with the (COVID\_19 DATASET) provided including most if not all the countries in the world. The purpose of this report is to document all the results of analysis performed on the dataset, as in the findings of the various COVID\_19 cases in each of the counties and regions of the world that were provided on the dataset. This also includes all corresponding data modelling and inference techniques used during the subsequent statistical and visual analysis performed on the dataset.

1. **INTRODUCTION**

In this report, we include the results of the analysis done on the COVID\_19 dataset provided according to the team of the analysts in group P and serves as a guideline to the client.

The dataset provided for analysis is about the various corona cases in most countries of the world if not all countries and different methods of analysis are used as will be seen in the subsequent sections.

The dataset consists of a total of 15 columns and 187 rows. The columns include New cases, New deaths, New recovered, Deaths / 100 Cases, Recovered / 100 Cases, Deaths / 100 Recovered, Confirmed last week, 1 week change,1 week % increase, WHO Region.

The dataset has countries from six WHO Regions namely Africa, Europe, Americas, Western Pacific, South east Asia, Eastern Mediterranean

1. **OBJECTIVE OF ANALYSIS**

Due to it being hard to get information from a raw data, the data was put into analysis to generate value and information from the raw data provided.

This analysis was to aid the statistical and modelling analysis and come up with final quantitative and visualization results that will aid the clients in effective decision making based on the results of the analysis.

This analysis basically was aimed at generating a conclusion about the corona virus cases of confirmed, active, recovered and death cases, and therefore help the clients to plan, and respond accordingly.

1. **KEY ANALYSIS (COLUMNS ANALYZED)**