

## **BSDS MINI PROJECT**

### **PROBLEM-SOLVING/QUESTION-ANSWERING WITH DATA ANALYSIS**

The Humanitarian sector is interested in predicting the number of deaths due to covid-19 in the Americas region.

The dataset set is provided.

#### **TASKS:**

1. Develop a topic (answer a particular question of your choice in line with the number of covid deaths in the Americas region).

#### **INTRODUCTION**

2. Write a short introduction where you discuss the business problem and who would be interested in this project.
3. Write a brief background of the problem you are trying to solve.
4. Identify your research question(s) – hypothesis.
5. Draft a problem statement.
6. Highlight the objectives of your analysis.
7. Define the scope of your analysis.
8. Justify your analysis - who will be interested in your work and why are you motivated in the work?
9. Describe where you will get (or got) the data that will be used to solve the problem – the source of the data.

#### **LITERATURE REVIEW.**

10. Find out what has been done about the problem you are trying to solve – a literature review.
11. Highlight the gaps in what has been done (your analysis should seek to bridge the gap or improve what exists).

#### **METHODOLOGY.**

12. Carry out the appropriate analysis.
13. Evaluate your analysis.
14. Discuss and describe the analysis and evaluation you applied and why.

#### **IMPLEMENTATION, RESULTS, AND DISCUSSION**

15. Present and discuss the results.
16. Discuss any observations you noted.

#### **CONCLUSION.**

17. Give recommendations you can make based on the results.