

SUBMISSION FOR USFK CODING CHALLENGE

(PART 2, THE YEAR OF 2023)

SECTION I – PARTICIPANT INFORMATION

1. SUBMIT A RESULT FOR THE USFK CODING CHALLENGE CONDUCTED BY THE FOLLOWING INDIVIDUAL(S):

LEADER NAME: _____ GRADE: _____ UNIT: _____

MEMBER NAME: _____ GRADE: _____ UNIT: _____

MEMBER NAME: _____ GRADE: _____ UNIT: _____

MEMBER NAME: _____ GRADE: _____ UNIT: _____

MEMBER NAME: _____ GRADE: _____ UNIT: _____

2. YEAR OF EXPERIENCE: (Indicate the years of experience in AI/ML development or related fields.)

SECTION II – PROGRAM DESCRIPTION

1. BACKGROUND: (Provide a brief background about the model, including the purpose, goals, and objectives. Explain need for an AI/ML solution.)

2. LANGUAGE: (Indicate the programming language used for developing the AI/ML program.)

3. PROGRAM DESCRIPTION: (Provide a detailed description of the program, including the algorithms used, data sources, pre-processing techniques, models, and evaluation metrics.)

4. PROS AND CONS: (List the pros and cons of your program, including its strengths and weaknesses, and how it compares to other existing solutions.)

5. DATASET: (Provide information about the dataset used for training and testing the model, including the size, attributes, and any pre-processing techniques applied.)

6. RESULTS: (Present the results of the program, including the evaluation metrics used, the accuracy, precision, and recall values, and any visualizations of the results.)

7. CONCLUSION: (Summarize the key findings and contributions of your program and provide a final statement about its effectiveness in solving the problem statement.)