National University
of Computer & Emerging Sciences
Islamabad

Department of Computer Sciences
Probability and Statistics (Sections A, B, C, D, E, F & G)
Project

Due Date: 10-06-2021
Course Instructor: Dr Sehrish Hassan Shigri, Mr Waqas Munir

Instructions: Submit your project on Google classroom as one pdf file. You can either submit the project as a group of two students or individually. Write your Name, Roll number and Section clearly on front page of your project.

Problem

➢ Collect Covid-19 data of Pakistan from a valid source. List the statistics of total cases/confirmed cases (till now), Deaths, Recovered cases, Total tests, Active cases, and Critical cases. You must provide a link from where you have taken the data.

➢ Describe the summary of total/confirmed cases province wise.

➢ Compare the number of deaths province wise using any appropriate graphical method.

➢ Is the Covid-19 vaccine safe? Support your answer to conduct an online Pilot survey with a sample of size 50. Please make sure to include 15-18 questions in your questionnaire. (Questionnaire must be provided in your final project).

➢ Make a Frequency distribution of the number of vaccinated people age between 40 - to onwards with class interval of 5. Also draw Histogram, frequency polygon, cumulative frequency polygon and rug plot.

➢ Compare Death rate of Pakistan from Covid-19 with at least four different countries using any appropriate graphical method. You must provide a link from where you have taken the data.

Interpretation of all the parts will be highly appreciated.