UNIVERSITY OF MALAYA

EXAMINATION FOR THE DEGREE OF MASTER OF DATA SCIENCE

ACADEMIC SESSION 2022/2023 : SEMESTER II

WQD7004 : PROGRAMMING FOR DATA SCIENCE

POSTER

Answer **ALL** questions (20 marks)

Duration (2 Weeks)

Submission (10 June 2023)

(This question paper consists of 1 question on 2 printed pages)

1. Prepare an **infographic in the form of an A3 poster** based on the topics below. You will not be given any marks if you choose the wrong topics.

Matric Number ends with	Topic
0 or 1	The role of Data Science in Health Sector
2 or 3	The role of Data Science in Sports Sector
4 or 5	The role of Data Science in Retail Sector
6 or 7	The role of Data Science in Banking Sector
8 or 9	The role of Data Science in Education Sector

You must explain one problem faced by the sector. Identify some possible datasets that is required to solve the problem. Explain the steps required to solve the problem. Show or design a mockup example of possible solutions. Be creative and add other information you feel is important to make your infographic useful and informative.

2. Schema

   Problems (6%)
   - Explanation
   - How to solve?
   - Steps to solve?

   Solutions (8%)
   - Appropriate datasets
   - Mockup design
   - Examples

   Others (6%)
   - Creativity
   - Proper flow of information

3. Plagiarism is strictly PROHIBITED. You will be penalized if any of your work is found online.

END