SCHOOL OF COMPUTER SCIENCES, UNIVERSITI SAINS MALAYSIA

CPC152 Foundations and Programming for Data Analytics

Semester 2, 2024/2025

INDIVIDUAL ASSIGNMENT – GRADING RUBRICS (20%)

Name and Matrix Number: CHAI JUAN ZHE 23302910 _____

No.	Suggested Grading Criteria (Score)	1	2	3	4	Subtotal	
1.	Abstract					$\frac{(\quad)}{4} \times 10\%$	
2.	Data Analysis Process					$\frac{(\quad)}{4} \times 60\%$	
3.	References					$\frac{(\quad)}{4} \times 5\%$	
4.	Appendix					$\frac{(\quad)}{4} \times 20\%$	
5.	Format (Language (Spelling, Wording, Grammar) & Efforts)					$\frac{(\quad)}{4} \times 5\%$	
					Total: 100		
	Late Penalty (- 10%)						
				Total: 20%		_____ /20	

Grading Rubric:

Criteria	Poor Command Score: 1	Fair/ Some Command Score: 2	Good Command Score: 3	Superior Command Score: 4
Abstract	A summary of the contents of assignment work is poorly explained.	A summary of the contents of assignment work is fairly explained.	A summary of the contents of assignment work is adequately explained.	A summary of the contents of assignment work is clearly explained.
Data Analysis Process	Problem Definition, Data Collection, Data Cleaning and Data Processing, Data Analysis, Data Visualization and Data storytelling are poorly done and explained.	Problem Definition, Data Collection, Data Cleaning and Data Processing are clearly explained. Data Analysis, Data Visualization and Data storytelling are poorly done and explained.	Problem Definition, Data Collection, Data Cleaning and Data Processing are clearly explained. Data Analysis, Data Visualization and Data storytelling are fairly done and explained.	Problem Definition, Data Collection, Data Cleaning and Data Processing are clearly explained. Data Analysis, Data Visualization and Data storytelling are clearly done and explained.
References	References were insufficient and not formatted.	References were insufficient and not well formatted.	References were sufficient, recent, and well formatted in IEEE format.	References were sufficient, very recent, and well formatted in IEEE format.
Appendix	Jupyter notebook program is added without any comments statement.	Each line in the Jupyter notebook program is fairly explained by using comments statement.	Each line in the Jupyter notebook program is explained adequately by using comments statement.	Each line in the Jupyter notebook program is clearly explained by using comments statement.
Format (Language (Spelling, Wording, Grammar) & Efforts)	Errors are serious and numerous. Reader must stop and reread and may struggle to discern the writer's intention. Multiple and serious errors. Very little effort. Poor and unfinished assignment.	Frequent errors that impede the flow of communication. Ok with < 15 errors. Inconsistent effort. Generally complete assignment with care.	Occasional errors that have only minor impact on flow of communication. Good with < 10 errors. Makes good effort. Generally, completes assignment with thoroughness.	There are no errors that impair the flow of communication. Perfect with < 5 errors. Works to the best of his/her ability. Produce a high quality finished assignment.