ALGONQUIN COLLEGE

Project

Course: 25S_CST2213_300 Bus.Int.Prog. 2:Advncd Cncpts

Criteria	**Excellent** 3.1–4.0 points	**Good** 2.1–3.0 points	**Satisfactory** 1.1–2.0 points	**Needs Improvement** 0.0–1.0 points	**Criterion Score**
Understanding the Scope of Business Intelligence	Clearly aligns with BI principles, focuses on advanced Python, and applies to software development, predictive analytics, or automation.	Aligns with BI principles but lacks strong application in advanced Python or automation.	Addresses BI but lacks depth in Python application.	Minimal alignment with BI principles and no application of advanced programming.	/ 4
Identifying a Relevant and Real-World Problem	Effectively selects a real-world business challenge or software development need that aligns with BI objectives.	Identifies a real-world problem but lacks direct alignment with BI objectives.	Problem is somewhat relevant but lacks clarity or impact.	Problem is unclear or does not align with BI objectives.	/ 4
Leveraging Python for Data Processing, Analysis, or Development	Effectively utilizes Python libraries for data collection, cleaning, transformation, and automation	Uses Python libraries but lacks optimization or automation techniques.	Uses Python but with basic implementation and limited efficiency.	Minimal or no use of Python for data processing or software development.	/ 4

Criteria	**Excellent** 3.1–4.0 points	**Good** 2.1–3.0 points	**Satisfactory** 1.1–2.0 points	**Needs Improvement** 0.0–1.0 points	**Criterion Score**
Incorporating Machine Learning/ Predictive Analytics/ deep Analysis / Complexity of the software development	Successful implementation	Implements but lacks strong metrics/ components.	Uses some techniques	No implementation	/ 4
Developing Data Visualization / Dashboards / UI designs	Successful implementation	Implements but lacks strong metrics/ components.	Uses some techniques	No implementation	/ 4
Enhancing Performance and Scalability	Optimizes performance through efficient queries and scalable architecture.	Some optimizations are present, but efficiency could be improved.	Performance is average with minimal optimizations.	Performance is poor with no optimization efforts.	/ 4
Validating/ implementation/ output / Interpreting Results	Successful implementation	Implements but lacks strong metrics/ components.	Uses some techniques	No implementation	/ 4
Documenting and Results	Delivers a well-structured report	Report and presentation are good but could improve	Basic report and presentation	Poor or missing documentation	/ 4

Criteria	**Excellent** 3.1–4.0 points	**Good** 2.1–3.0 points	**Satisfactory** 1.1–2.0 points	**Needs Improvement** 0.0–1.0 points	**Criterion Score**
5 Minutes Presentation	Excellent	Good	Satisfactory	Needs Improvement	/ 4
Meet all the phases dead line					/ 4

Total	/ 40

Overall Score

Excellent	**Good**	**Satisfactory**	**Failed**
35 points minimum	30 points minimum	20 points minimum	0 points minimum