

Evaluation criteria for T5’s Projects (May 2024)			
Criterion		Description	Weight
Problem Solving Skills	Originality of the Idea	<ul style="list-style-type: none"> The originality of the group idea, has anyone done it before? If Yes, Observe available similar projects. 	5
	Problem Formulation	<ul style="list-style-type: none"> Analyze the problem & Find information relevant to the project. The problem is well analyzed and formulated. 	5
	Project objectives	<ul style="list-style-type: none"> Identify list of project objectives and scope. Use various approaches of self-learning. 	5
Engineering Skills		<ul style="list-style-type: none"> Articulate and relate the engineering issues with problem. Identify and define the quality requirements for the solution. Identify list of project objectives and scope. Use various approaches of self-learning. Select and justify a solution to the problem. 	10
Data Analysis Skills	Data Collection & Preprocessing	<ul style="list-style-type: none"> It is the process where data are prepared & collected. From where you collected your data, whether its synthetic or real. Analyze and investigate data sets. 	15
	Data Analysis	<ul style="list-style-type: none"> Feature Engineering & Creating Features Employing data visualization methods. Summarizing data features and detecting patterns. Uncovering relationships through visual and statistical techniques. 	
Implementation Skills	Model	<ul style="list-style-type: none"> Select and justify a solution to the problem Designing an AI model that effectively learns from the collected data. Making intelligent decisions and predictions. 	30
	Train & validate	<ul style="list-style-type: none"> training AI model to enhance its capability over time Collecting feedback and testing results implementing improvements to the software solution based on feedback and testing results 	
	Collect Results	<ul style="list-style-type: none"> measuring performance and results (Confusion Matrix: F1 Score, Precision and Recall) 	
	Deployment & Demo	<ul style="list-style-type: none"> Implementing the trained AI model into a production environment for usage 	
Presentation		<ul style="list-style-type: none"> Prepare and deliver high quality oral presentation on the project. Listen and respond to questions 	10
Report		<ul style="list-style-type: none"> The template, details, and Quality of the report. Write a technical report (technical terminology, standard data representation). Use correct language (grammar, spelling, expressions, vocabulary) 	10
Teamwork		<ul style="list-style-type: none"> Participating in defining the roles and responsibilities of the team members. Fulfill duties of team roles. Participating in managing the team's time and resources effectively. 	10