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|  | Helpful  to achieving the objective | Hamper  achieving the objective |
| Internal origin  (attributes of the system) | Strengths   1. Enhanced collaboration and communication skills of working in the team under the GitHub-based projects, which helps to increase professional readiness in reality. 2. Exploitation of data-driven models that are in tandem with the latest AI trends by strengthening research and analytical skills. 3. Educated conscience about business ethics, fostered even-handedness and openness in the implementation of models (Jobin et al., 2019). | Weaknesses/Areas for further development   1. There has been a lack of exposure to a large dataset of industry size, limiting the insight into the complexity of data in the real world. 2. The inconsistent knowledge of the deployment engines like Flask and Docker of ML applications. 3. Required more experience in the field of combining AI models with a cloud-based environment to create scaling. |
| External origin (attributes of the environment) | Opportunities   1. Increasing the employability by expanding AI-based labour markets in Europe and Asia (LinkedIn Economic Graph, 2024). 2. Opportunities of participating in international research endeavours as well as accessible open-source AI platforms. 3. New ways of ML use in climate science, healthcare, and cybersecurity. | Threats   1. The fast automation trends can require continuous upskilling to be able to compete. 2. Making data privacy and governance increasingly popular ( European Commission, 2025). 3. The possibility of market saturation with AI graduates might put more pressure on hiring standards and expectations. |