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|  | Helpful to achieving the objective | Hamper achieving the objective |
| Internal origin(attributes of the system) | **Strengths**  1. Strong motivation to understand real-world applications of Machine Learning  2. Willingness to reflect critically and seek feedback  3. Growing confidence in tools like Python and R | **Weaknesses / Areas for further development**  1. Initial difficulty in interpreting statistical findings  2. Limited experience in selecting optimal ML models for varied datasets  3. Time management when balancing independent learning and coursework deadlines |
| External origin(attributes of the environment) | **Opportunities**  1. Access to supportive tutors and lab resources  2. Exposure to cutting-edge AI trends through course materials (Bishop & Bishop, 2024)  3. Peer collaboration during project work and group assignments | **Threats**  1. Fast-paced nature of the module may lead to cognitive overload  2. Potential for technical issues or lack of access to required software outside lab hours  3. Risk of miscommunication in group tasks affecting final outcomes |