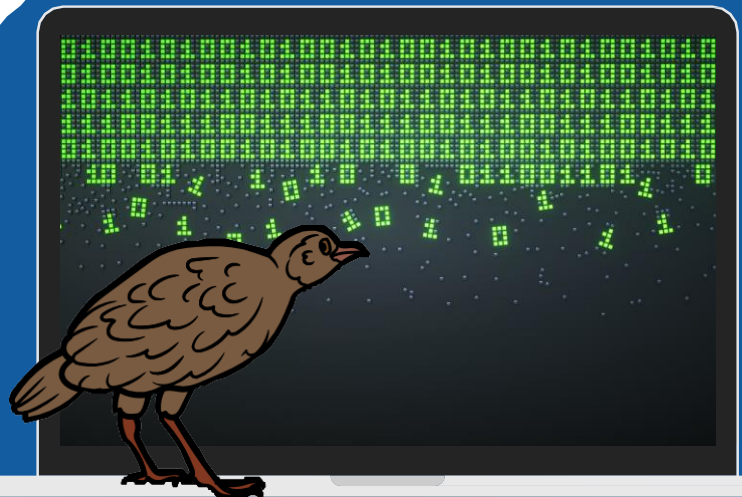# Term Project

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Project Description

Objective:

This project aims to reinforce your understanding of data mining techniques (Classification, Association, and Clustering) using real-world datasets and WEKA software

Steps:

1. Select one of the suggested research papers.
2. Read and summarize the paper (1-2 pages).
3. Choose a relevant dataset (provided or similar).
4. Run experiments using WEKA.
5. Analyze and compare results with the paper's findings.
6. Submit a final report (max 6 pages) with screenshots, analysis, and conclusions.

Submission:

- A PDF report
- ARFF dataset used
- Screenshots of WEKA results

Deadline: 24/4/2025

Grading Rubric

1.paper summary	10%	-Clear explanation of goals, methods, and findings
2. Dataset Choice & Preprocessing	15%	-Justification of dataset selection and preparation
3. Application of Data Mining Techniques	30%	- Correct use of classification, clustering, or association in WEKA - Appropriate evaluation (accuracy, support/confidence, etc.)
4. Analysis & Discussion	25%	- Insightful comparison with paper findings - Interpretation of results and conclusions
5.Report Quality & Presentation	10%	- Well-structured, clearly written, proper formatting
6. Creativity and Initiative	10%	- Going beyond basic analysis, thoughtful insights