

Course Title: Research Methodology in Computer Science

Course Code: AI800

Weighting: 20%

Lecturer: Dr. Mohammed Anbar

Hand-out Date: 28 June 2025

Hand-in Date: 12 July 2025

Hand-in Method: Online Submission via E-Learning.

Assignment Details:

In this assignment, you are tasked with selecting a clear and concise research title of your choice and conducting a comprehensive review of six research papers that are relevant to your selected research title. For each paper, your literature review should encompass the following:

- A concise summary of the research paper's objectives, methods employed, and its key findings.
- A critical analysis that highlights the paper's strengths and weaknesses, including an evaluation of the methodology and data sources used.
- Identification of any connections or conflicts between the findings of the selected papers.
- Creation of a table summarizing the reviewed papers. The table should include columns for information such as the publication year, author(s), methodology employed, key findings, and weaknesses/limitations.
- Ensure that you synthesize the information gathered from these papers effectively.

Deliverables:

Your submission should include a report that comprises the research title you have chosen and a literature review of the six selected papers relevant to your chosen research title.

Notes:

- Please be aware that plagiarism and the use of AI content generators are strictly prohibited. Students found engaging in such practices may receive a grade of zero for their work. Therefore, exercise caution and integrity when composing your literature review.
- This assignment is intended to be completed individually.
- If you are interested in network security, please refer to the link below to access the uploaded research. You can review these if you find them relevant to your research topic. Link:
<https://www.dropbox.com/scl/fo/jstgybsb9hbqrong6djvg/h?rlkey=8fbl0f7z6o9aqdb1i6wp6uo4e&dl=0>