

- **Writing related work section:**

1. After collecting related research work to your project, do the following:
 - a. Try to group related work according to similar techniques, used algorithms, ...
 - b. Try to describe the characteristics of these groups.
2. Description of a specific research should include the following:
 - a. Goal or objectives of the research
 - b. The used dataset (type of data, size, quality, problems, ...)
 - c. Performed preprocessing or adjustments (balancing, normalization, ...)
 - d. Evaluation metrics and results
 - e. Challenges and solutions
3. After you finish describing related work, make a table that summarizes this work as in the example in the presentation.

- **Writing background section:**

This section should include two subsections, the first is for the domain of problem (Medical, Educational, Traffic,...) where you describe subjects related to the domain, not related to AI.

The second section should include brief description of the algorithms, or techniques mentioned in the related work section (ANN, CNN, RNN, Transformers, Resnet50, LLM, ...) and any technical aspects needed for the reader to understand the research.

- Remember to mention the source of information (reference) in APA style.
- Use the thesis template on moodle
- Remember that in Project1 we need the three first chapters and references only.
- Proposed work, and implementation will be done in Project2