

# M'sila University, Department of Computer Science, Master1 AI

COURSE: Diagnostic Methods

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## Project Guidelines

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- The project is about presenting a published work by a group of **three (3)** students about one of these topics:
  - The application of Artificial Neural Network (ANN) in diagnosis.
  - The application of K-Nearest Neighbors algorithm (KNN) in diagnosis.
  - The application of K-means algorithm in diagnosis.
  - Students can also present any other machine learning algorithm used in diagnosis.
- Presentation slides: about 30 slides.
- Presentation contents:
  - Overview about the application
  - Algorithm details:
    - Inputs
    - Outputs
    - Methodology
    - Dataset: source, preprocessing, etc.
    - Experimental results
- Presentation evaluation criteria:
  - The quality of contents
  - The quality of presenting the work by each student
  - Answering the questions
  - The practical work support
- Both presentation and material should be in English.