



Spring 2022

Course: Data Mining

Project Delivery

Project description:

It is required to make use of the technologies studied during the lab by applying techniques which meet the requirement for your project's data.

The project makes 20 degrees from total course degrees. Ensure that you applied all required points in the project description. For each point in project description, you should apply all studied models in lab according to your project idea ex: preprocessing techniques , algorithms.. and so on.

Deliverables:

A project Documentation that contains:

- a. Your Project name
- b. Your names
- c. represent the applied tools for each point in description with screenshots for the result of tools (tables , graphs ,.....), the used Libraries and the accuracy for each Model

The Contest for Top 5 Projects:

there are some points you should try to apply it into your project for this contest :

- 1- applying extra techniques in preprocessing to improve accuracy
- 2- apply different techniques for splitting data into training and testing
- 3- Use different testing Methods
- 4- Applying extra Models into your data for classification or Clustering (The application of new models other than the models studied in the laptop, but with a basic condition that the team is fully aware of the way these models work)
- 5- Try different Visualization graphs for each Model
- 6- Search for getting another available data which can apply it into the model
- 7- for Clustering projects, try to calculate accuracy for clustering techniques on your data

Project deadlines:

Project delivery date and discussion: Practical exams week (to be announced)

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