"Quiz 1"

Team : 4~5 students/team

· Objective: To reproduce & improve the classification problem by using Decision Tree & KNN

Dataset : Internet Firewall Data Set   UCI

↳ Traditional
→ Random For
→ XGboost
→ Etc.

Target paper : Classification of Firewall Log Files with Multiclass Support Vector Machine

Grade criteria : Write the report & source codes

- Report format (1~2 pages) TH or EN

mid = 30
Final = 30
Proj = 20
Quiz = 20

1. Summarize the target paper
   - What they did?
   - What are their results?
   - What are their limits & shortages?

2. Reproduced process (step by step)
   - follow the formal ML process.
   - Data collection → Data cleansing → EDA → Training → Testing → Evaluation
   "pipeline"
   "Cross validation"

3. Summarize yr results.

4. Bonus: your improvement.

"Final Project"

Team   :   4~5 students/team

Objective :   Design ML application (input-process-output)

Delivery :   Report & sourcecodes (4~6 pages)

Link to report template:

https://docs.google.com/presentation/d/1-g0aW1srjMb9gqRCoNna1OvWYvQVJLr73xBnUaxTY9Y/edit#slide=id.g22a023769ce_0_1