

# Introduction of AI and ML

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# Goal

- This course is **project-based** and aims to help students to use the skills of AI and ML to analyze the open data or real data from daily life.
- **Mainly, this course focuses on the introduction of Clustering, Classification, and Association Rules.**
- In addition, the introduction of advanced technologies are included, such as the applications of **natural language processing, image processing, and audio processing.**

# Evaluation

- Attendance ..... 20%  
✓ 3 chances
- Homework ..... 20%  
✓ 3-5 exercises
- Midterm Exam ..... 30%  
✓ Your Design
- Final Project ..... 30%  
✓ Your Design

# Topics

1. Introduction of Clustering, Classification, and Association Learning
2. Introduction of Natural Language Processing
3. Introduction of Image Processing
4. Three to Five Exercises on Open Data
5. Your Midterm Project
6. Your Final Project

Resource is available by  
<https://jiaweichang.github.io/biography/>

**THANKS**