

# Assignment #1

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**Instructor: Daejin Choi**

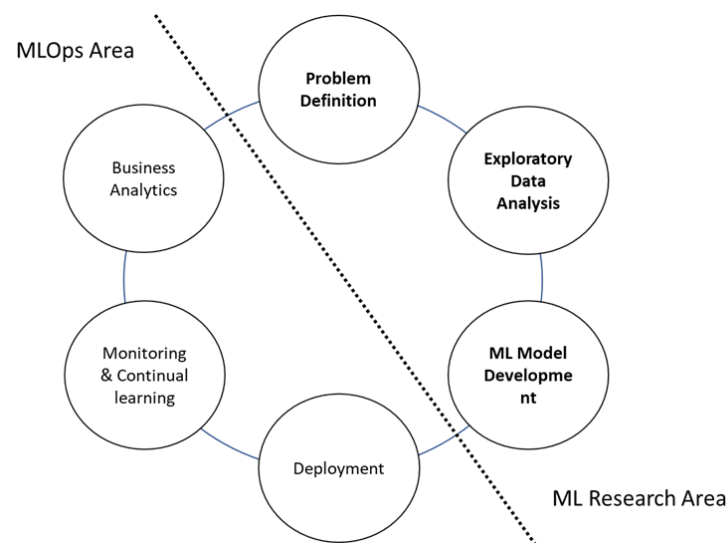
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# A Simple ML Project

- A single cycle of the development for a ML model
- Design, implement, and evaluate a simple ML project based on the dataset publicly available
  - Define your own ML problem
  - Search and prepare the dataset to solve the problem with ML methods
  - Design and implement a ML model
  - Evaluate the ML model
- Data sources?
  - Kaggle, AI Hub, ...
  - Using the dataset you collected by yourself is fine



# Submission Guideline

- Submissions: 3 files
  - Source code (.py or .ipynb)
  - requirements.txt (refer to the lab in Week 5)
  - Reports (around 3 pages, no more than 4 pages)
- Due: 04/22 (Tue.) 23:59:59
- Report: free-format, but followings should be included
  - Problem definition
  - Dataset description
  - Model description
  - Evaluation methods and metrics (+ why it is important in your prob.?)
  - Development environment (incl. OS, python, packages, ...)
  - Results & interpretation
  - Link for the remote source repository (Github is recommended)
  - (Optional) Scenarios for practical use