

4/3/2023

Syllabus:

- Construct A.I. using ML → Pytorch.
- Adapted from UC Berkeley's Full Stack Deep Learning course → HITS - SDO
- MWF : 12 - 12:50 pm | Lecture
- F : 9 - 10:50 am | Discussion

Discord as communication.

- Github classroom & Miro board
- Go through weight & bias | transform
- Streamlit as UI model
- Update & keep track of models
- Suggested Reading will be given
- Assignments for practice

Project proposal → Design sprint

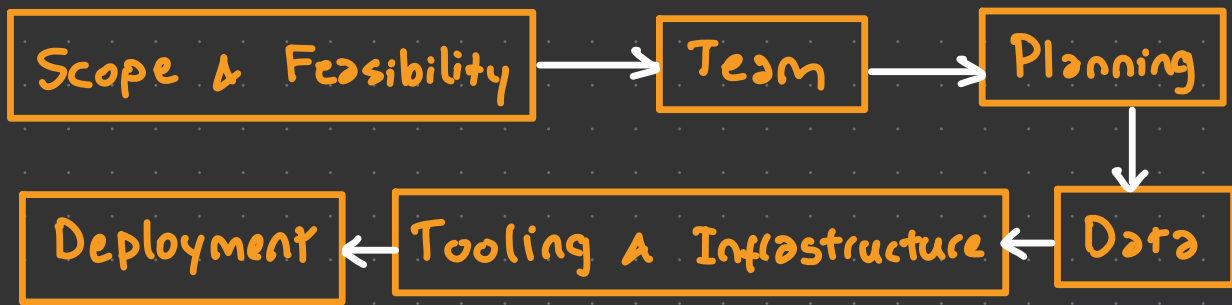
PR Friday to review

- Branch check against other baseline model.
- Final Project → Test driven ML

Github CLI action

Structuring repo as cookie cutter

Project in A.I. : Software 2.0

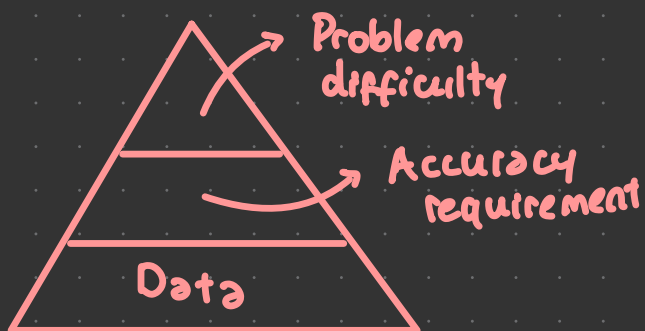


Scope & Feasibility

- Technically infeasible
- Lack of collab
- Unclear Success Criteria
- Value of Project does not outweigh the technical Complexity

The high-interest credit card of technical debt:

- Complex models erode boundaries
- Data dependencies > Code dependencies
- Identify high impact, low cost problems



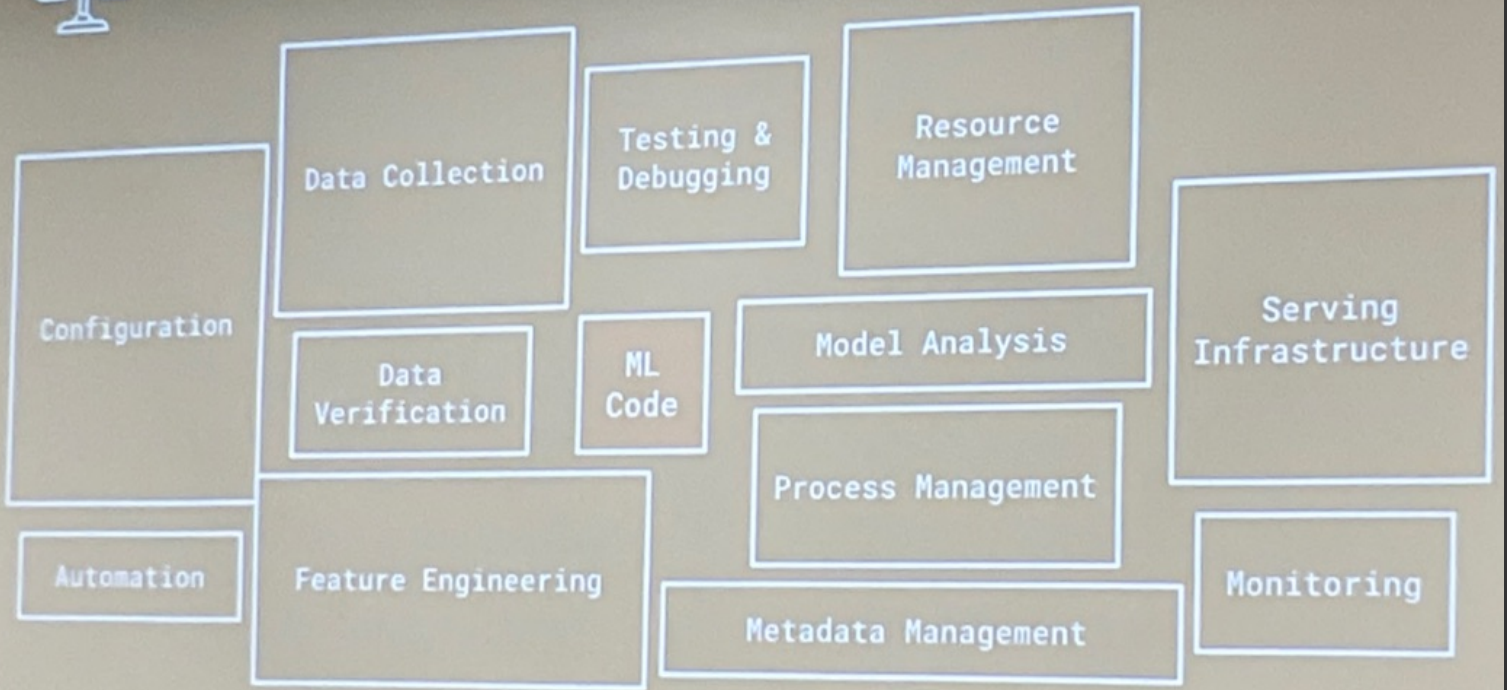
Only use ML when:

- Problem is well def
- Cost of wrong prediction
- Ethical implementation
- How expensive is data labeling
- If ML is even needed

DON'T USE ML FOR
THE SAKE OF ML. USE
IT TO SOLVE AN ISSUE



Project Scope & Feasibility



Teams:

Be good to your mates \(_^)/