CME 307 projects

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(Not a) Quiz

- Fill out one of these forms:

I need a group

I have a group

Rubric

Grade is the average of the following questions, on a scale of 1-5.

1. Does the project pose an interesting problem?

2. Does the project make interesting use of ideas from the course?

3. Does the project draw conclusions? Do you believe the conclusions?

4. Do the graphics and tables presented support the conclusions of the project?

5. Is the writing clear and engaging?

AI policy

Let's discuss whether we approve of using AI for:

- Idea generation
- Literature review
- Coding up an experiment
- Generating data to test on
- Writing code for data visualization
- Writing the paper
- Reviewing the paper (checking grammar, identifying flaws to address, …)

How to attribute to AI

- AI is not an author
- Your report should detail how you used AI

Project deliverables

- Project proposal (1-2 pages)
- Project report (up to 8 pages)
- Project presentation / discussion?
- ???

No team yet?

Go to designated area for your desired project type

- Model: left (as you face the screen)
- Algorithms: center
- Research: right

Then

- Write the topic ideas you're interested in on a whiteboard
- Add your name to topics that sound interesting
- Discuss

Project Proposal (due next Monday)

- Project type: Model & solve / Implement & tweak / Research
- Problem statement
- Previous work on the topic (1 paragraph)
- Data/instances or target theorem/claim
- Baseline (algorithm/solver or trivial bound)
- Primary metric(s) for success
- Milestone A (T+7 days), Milestone B (T+14 days)
- Risks (top 2) + mitigations
- Team roles for teams of 3