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# Capstone Project Guidelines

- Find a Problem that can be solved using ML. It should be simple enough to complete in 2 weeks.
- Understand Solution Approach
- Design and Develop ML Solution (Data Preparation, Feature Engineering, Build ML Models)
- Evaluate Models and Select the Best Model
- Make the solution ready to deploy
- Prepare Report (4-6 pages)
  - Introduction (Define Problem)
  - Data
  - Methodology (Solution Approach, Tools used)
  - Results
  - Conclusion
  - Discussion
- Prepare Presentation Slides (10 slides max)
- Publish work to GitHub
  - Data Preprocessing, Model Building and Evaluating Notebooks
  - Report
  - Slides
- Video Narration (optional)
  - 5-10 min using the presentation slides

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## Capstone Project Grading

- Peer Review + instructor Review
- Your GitHub repository link will be shared with other class members.
- "Anonymous" evaluation via google forms.
- Every class member should evaluate at least two others.
- A Random number will be assigned to each class member should be used when evaluating others (that is how we can track you evaluated how many others).
  - This number will be kept with the instructor only and will not be shared with other class members.
- Evaluation window will be open for a period of 1 week
- Final Grades will be released by April 22nd

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