Project Planning

Our timeline and task allocation for the project is as follows.

Dates	Action Items	Milestone Deadlines
Feb 26 – Mar 1	• Each team member finds 3 potential datasets. • Meeting to discuss and make final decision on dataset + project. For Proposal: • 1 member to write abstract. • 1 member to write data description. • 1 member to write remaining, prettify and submit.	
Mar 4 – Mar 8	• 1 member to create data dictionary. • 1 member to create project planner.	Mar 4 Milestone 0 Due
Mar 11 – Mar 15	Spring Break – No Action Required	
Mar 18 – Mar 22	• 1 member to conduct EDA. • 2 members to experiment with ML models. • Meeting to discuss which models, variables to use, whether we need to adjust goals.	Mar 18 Milestone 1 Due
Mar 25 – Mar 29	• 1 member to finalize features to input into the model and create an updated dataset. • 2 members to experiment with different models, hyperparameters to obtain the best metrics.	Mar 25 Milestone 2 Due
Apr 1 – Apr 5	• 2 members to evaluate models. • 2 members to create simple demos and use cases. • 1 member to create a UI demo	
Apr 8 – Apr 12	• All members to divide and conquer PowerPoint presentation	Apr 8 Milestone 3 Due
Apr 15	• Final Presentation	Apr 15 Milestone 4 Due

Milestones

- Milestone 1: Project planning and data dictionary (due 11:59PM Monday 3/18)
- Milestone 2: EDA and Baseline pipeline (due 11:59PM Monday 3/25)
- Milestone 3: Feature Engineering and hyperparameter tuning (due 11:59PM Monday 4/8)
- Milestone 4: Final model selection and final report (due 11:30AM Monday 4/15)
- In-class presentations: Mon 4/15 and Wed 4/17