

MAS DSE 260: Capstone Project

İlkay ALTINTAŞ, Ph.D.

Project Wrap Up

Today's Topics

1. STEP IX and X Report Formats

Process Roadmap (260 B)

- ✓ Step 6: Modeling and Visualization (4/1/22)
 - ✓ REPORT 6: due 4/15
- ✓ Step 7: Evaluating and Interpreting Modeling Results (4/15/22)
 - ✓ PRESENTATION 3: 4/15
 - ✓ REPORT 7: due 4/29
- ✓ Step 8: Deploying a Robust and Scalable Solution (4/29/22)
 - ✓ REPORT 8: due 5/13
- ✓ Step 9: Developing a Communication Plan and Monitoring Dashboard (5/13/22)
 - ✓ PRESENTATION 4: 5/13
 - REPORT 9: due 5/27
- Step 10: Optimization -- No class, work on finalizing projects.
 - REPORT 10: due 6/2
 - FINAL REPORT AND POSTER: due 6/2
- FINAL PRESENTATION AND DEMO (6/3/22)

- **By Monday 5/9**
 - Send a project plan with tasks, milestones and deliverables
 - Two 2-week sprint cycles are recommended

Step IX Report Guidelines

- Title, team members and advisor(s)
- Findings and Reporting
 - What are the findings? Who are the audience for these findings?
 - How did you determine what to present in reporting your findings?
 - What techniques and tools did you use to communicate your results?
 - Visualizations and other reportable products of your findings, e.g., reporting dashboard.
- Any major updates to Steps 1 through 8 as a result of Step 9
- Keep it to 4-8 pages
- Due date: 5/27/22 midnight

Step X Report Guidelines

- Title, team members and advisor(s)
- Findings and Reporting
 - How did you evaluate your findings and tuned for potential use?
 - Map how the developed solution would align with a scientific or business process. If the mapping was applied, what needs to be measured and monitored to evaluate the effectivity of the solution.
- Keep it to 1-2 pages
- Due date: 6/2/22 midnight

Final Presentations, Poster and Report

- Guidelines

https://docs.google.com/document/d/14vjwirCi_G_syCUshIJ5O0MaeHKRrV23jYpIIJP7TI/edit?usp=sharing

- Posters

- Use a portrait format, e.g., 36x48
- Have four main sections
 - Problem Statement
 - Data Science Pipeline: Acquire, Prepare, Analyze, Scale, Report
 - Final Solution Architecture
 - Key Insights
- Don't forget team, advisors, acknowledgements, etc.

Questions?

Ilkay Altintas, Ph.D.
Email: ialtintas@ucsd.edu