

Group Project Guidelines



Important Dates/Deadlines

Events	Week	Due/Date
Group Formulation and Proposal Submission	03	February 18
Presentation 1 Slides Submission	06	March 08
Presentation 1	06	March 09, 11
Presentation 2 Slides Submission	10	April 05
Presentation 2	10	April 06, 08
Presentation 3 Slides Submission	14	May 03
Presentation 3	14,15	May 04, 07, 11
Project Document Submission	15	May 13

Group Project: Phase-1

Presentation 1

- Presentation 1 Slide should be Submitted by March 08 (11 PM ET)
- Presentation 1 will follow a 3MT format presentation (title slide plus one content slides)
- Slide may include Motivation, possible outcome, possible data source, initial results if available
- One presentation is expected for each group. Two students from each group will present in presentation 1
- Medium of Submission: UBLearns
- Presentations will be in the class (in-person)
- Groups may be informed regarding their presentation order few days before the presentation
- **Presentation 1:** March 09 and March 11



Group Project: Phase-1

Group Assignment 1

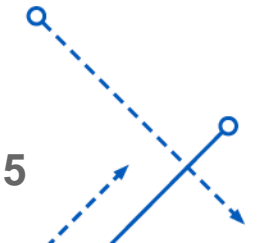
- Group assignment 1 will ask to answer several questions regarding Motivation and Significance of the project
- The specific questions will be available one week prior to Assignment submission
- Each student requires to submit the Group Assignment to facilitate grading purpose (Report will be same for each group).
- Group number should be mentioned explicitly in the file name
- Due by March 11



Group Project: Phase-2

Presentation 2

- Presentation 2 Slides should be Submitted by April 05 (11 PM ET)
- Presentation 2 will involve a 5 min presentation (5 slides)
- Slide may include defined research question, intermediate results and discussion
- One presentation is expected for each group. Rest of the students (who did not present in presentation-1) will present in presentation 2
- Medium of Submission: UBLearns
- Presentations will be in the class (in-person)
- Groups may be informed regarding their presentation order few days before the presentation
- **Presentation 2:** April 06 and April 08



Group Project: Phase-2

Group Assignment 2

- Group assignment 2 will ask to answer several questions regarding Impact and Sustainability of the project in the lens of analysis, results, and the actionable insights
- The specific questions will be available one week prior to Assignment submission
- Each student requires to submit the Group Assignment to facilitate grading purpose (Report will be same for each group).
- Group number should be mentioned explicitly in the file name
- Due by April 01



Group Project: Phase-3

Presentation 3

- Presentation 3 Slides should be Submitted by May 02 (11 PM ET)
- Presentation 3 will involve a 10 min presentation and demonstration (10 slides)
- Slide may include motivation and significance, defined research question, Data Science tool description, and illustrative examples
- One presentation is expected for each group. All group members will present in presentation 3
- Medium of Submission: UBLearns
- Presentations will be in the class (in-person)
- Groups may be informed regarding their presentation order few days before the presentation
- **Presentation 3:** May 04, 07, and 11



Group Project: Phase-3

Group Assignment 3

- Group assignment 3 will ask to answer several questions regarding Data Science tool description and Illustrative Examples
- The specific questions will be available one week prior to Assignment submission
- Each student requires to submit the Group Assignment to facilitate grading purpose (Report will be same for each group).
- Group number should be mentioned explicitly in the file name
- Due by April 29



Final Project Document Submission

- Final Project Documents should be Submitted by May 13 (11 PM ET)
- Final Project Documents include:
 - Final Paper/Report
 - Data (Raw Data Link and Processed Data)
 - R codes (Needs to be Self-explanatory and Reproducible)
- Group number should be mentioned explicitly in the file name
- Medium of Submission: UBLearns

Final Project Document Submission

Final Paper Submission

- The final paper should have the following components/sections
 - Title of the project
 - Abstract (150-200 words)
 - 5 Keywords representing your project
 - Motivation and Significance
 - Software Description
 - Illustrative Examples
 - Impact and Sustainability
 - Conclusion
 - References

