

## **Big Data Management Course Project Outline**

### Phase-I: Project team formation and proposal

- Set up a team of at most 3 members but minimum 2.
- Think about potential problems statement
- Prepare a short 1 page description with the following details:  
(Deadline 2nd June 2024)
  - Title, team composition
  - 1-paragraph explanation of the application
  - List of key technology challenges
  - Technology stacks that will be involved
  - List of deliverables (2/3 at most) (demonstrative)
    - (example, application demonstration)
    - Benchmarking study, and comparative analysis
    - Codebase
    - Deployment (heroku, AWS)
    - The API

### Phase II: Initial technology stack setup, and systems design Around June 15th

### Phase-III : Final deliverable Around July 15th

**Proposal Template (1 page): Deadline : 2nd June**

1. Name of group
2. Title of the project
3. Keywords : 4/5 keywords to identify your project
4. Overview : 1 paragraph on the core idea to be implemented
5. Key Technological Challenges : 1 bulleted list of 4/5 key technology challenges that the team will aim to address.
6. Implementation platform : Like GCP/AWS or your local system
7. Main technological stacks required
8. List of deliverables which will be checked against during evaluation