Deliverables and Expected Outcomes

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Checkpoint 1 (Scheduled for 7 October 2023)

Deliverables

1. Document Deliverables and Outcomes: Prepare a document listing final project deliverables and outline projected outcomes.

Expected Outcomes by Checkpoint 1

- A well-documented list of final project deliverables and projected outcomes for the remaining checkpoints.

Checkpoint 2 (Scheduled for October 30)

Deliverables

1. Code implementation: Implement both DeepWalk and Node2Vec algorithms from scratch.

2. Start with scalability experiments on basic codebases.

3. Begin experimenting on the visualisation aspect.

Expected Outcomes by Checkpoint 2

- Codebase for both algorithms should be partially implemented.

- Initial scalability experiments should be in progress.

- The groundwork for visualization should have started and few of them should be ready

Checkpoint 3 (Scheduled for November 27)

Deliverables

1. Complete experiments on real-world datasets of varying sizes.

2. Finalise result analysis and visualization.

3. Create a presentable entity, such as a presentation (ppt) or a GitHub page (github.io), to showcase the project.

Expected Outcomes by Checkpoint 3

- Code implementation for both DeepWalk and Node2Vec should be complete.

- Scalability experiments should be concluded with results.

- Comprehensive result analysis and visualization should be ready.

- A presentable entity (e.g., presentation or GitHub page) should be available to showcase the project.

Final Deliverables Deadline (30 November)

Deliverables

1. Code implementation (completed and fully functional).

2. Result analysis and visualization (comprehensive and well-documented).

3. Scalability experiments on real-world datasets.

4. A presentable entity to showcase the project (e.g., presentation or GitHub page).

Expected Outcomes by the Final Deadline

- All project components should be fully completed, documented, and functional.

- All feedback should be accounted for

- The project should be ready for presentation and demonstration.