

# L'Oreal Graph Creation

## Overall Project Plan

- Construct a knowledge graph that can improve the performance of GraphRAG for a generative chatbot customers can interact with.
- The objective is to show an increase in performance compared to past GraphRAG models and VectorRAG models.
- Create and good metrics for evaluating performance of RAG model

## Logistics

Meetings:

- Team Meeting: Tuesday 10 AM EST → Google Meet calls
- Mentor Meeting: Friday 2 PM EST → Google Meet calls

## Weekly Progress Log

Time	To-Do	Done
Feb, 7 2025	All Members read up on past project reports and preliminary research.	
Feb 14, 2025	All members preliminary research into how to construct knowledge graphs. Tools, alternative ways, tutorials, etc.	All members up to date on last semester project
Feb 21, 2025	All members work on tasks assigned during the team meeting. <ol style="list-style-type: none"><li>1. Replicating previous work</li><li>2. Get to know neo4j</li><li>3. Research on evaluation metrics</li><li>4. Experimenting with new dataset</li></ol>	Project Timeline set up Divided tasks for next week