Slide 1: Group name

Project Title

Group Members' Names

Course name

GitHub repository link

Slide 2: Introduction

Table of contents

Brief overview of the project with a picture.

Slide 3: (1)Data Collection

Briefly explain the data we have chosen.

Source of your data (open data, if applicable)

Challenges faced in data

Slide 4: (2)Domain Modelling

Visualization of the domain model

Highlight key components/entities in the model

Use a graph/chart to represent the model

Slide 5: (3)Ontology Creation

Explanation of the ontology creation process

Showcase the OWL file

Mention any specific design decisions made in the ontology

Slide 6: (4)Python Notebook

Overview of the Python notebook

Highlight key functions: data cleaning, ingestion, and serialization

Code snippets or screenshots to illustrate the process

Challenges faced and how to solved it

Slide 7: (5)RDF Data Serialization

Provide information on the serialized RDF data files

Explain the format and structure of the serialized data

Mention any challenges faced during serialization

Slide 8: (6)GraphDB Instance Ingestion

Explain the process of ingesting data into GraphDB

Mention any issues encountered and how they were resolved

Showcase a screenshot of the data in GraphDB

Slide 9: (7)Insightful Queries

Showcase ten insightful queries on your data

Briefly explain the purpose of each query

Display results or expected outcomes

Slide 10: (8)Data Analytics with SHACL

Provide an overview of SHACL and its importance

Showcase some data analytics results using SHACL

Highlight any interesting findings or patterns

Slide 11: Conclusion

Summarize key achievements

Lessons learned during the project

Mention any future enhancements or extensions