



POLITECNICO
MILANO 1863

Project - Delivery I

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Project Delivery

Details about project delivery

- You have **two weeks** to deliver the first part of the project, starting **today**
 - ER Model
 - Neo4j
- Download the LaTeX template [here](#)
- Upload all the content of the folders in [Overleaf](#) and work on the Project.tex file, following the instructions in the file
- You will be asked to deliver the 1st delivery on WeBeep by the **2nd of November** (actual deadline 3rd of November at **1:00 A.M.**).

The delivery should contain

- Description of the problem
- Assumptions **!!!! (Introduction)**
- Identified Entities and Relationships
 - Textual Description, Attributes, etc.
- ER Diagram **!!! (Tool)**
 - **Please**, mark the reading direction for the relationships

- Dataset Description (Type/Name/Description of the Attributes, Size, etc.)
- Data Upload (Potential pre-processing, upload process, etc.)
- Graph Diagram
 - Nodes (Name, Descriptions, Attributes, Entities connected to, etc.)
 - Links (Name, Descriptions, Attributes, etc.)
 - Picture of the Diagram with a Description
 - Queries (Cypher) **!!! (Report)**

!!! - For each query, report a **readable** picture/table with (a part) of the result, and a description of how the query works.

The queries deliveries should include

- Minimum 5 (diverse) data creation/update commands
- Minimum 10 queries (15 in total, with the update/creation)
- Minimum complexity of queries:
 - 3 nodes, conditions
 - 3 nodes, conditions, aggregation
 - 5 nodes, conditions, aggregations, limits
 - Functions (minimum path)
- Deliver a **mix** of them.
- Check complexity / performance time