

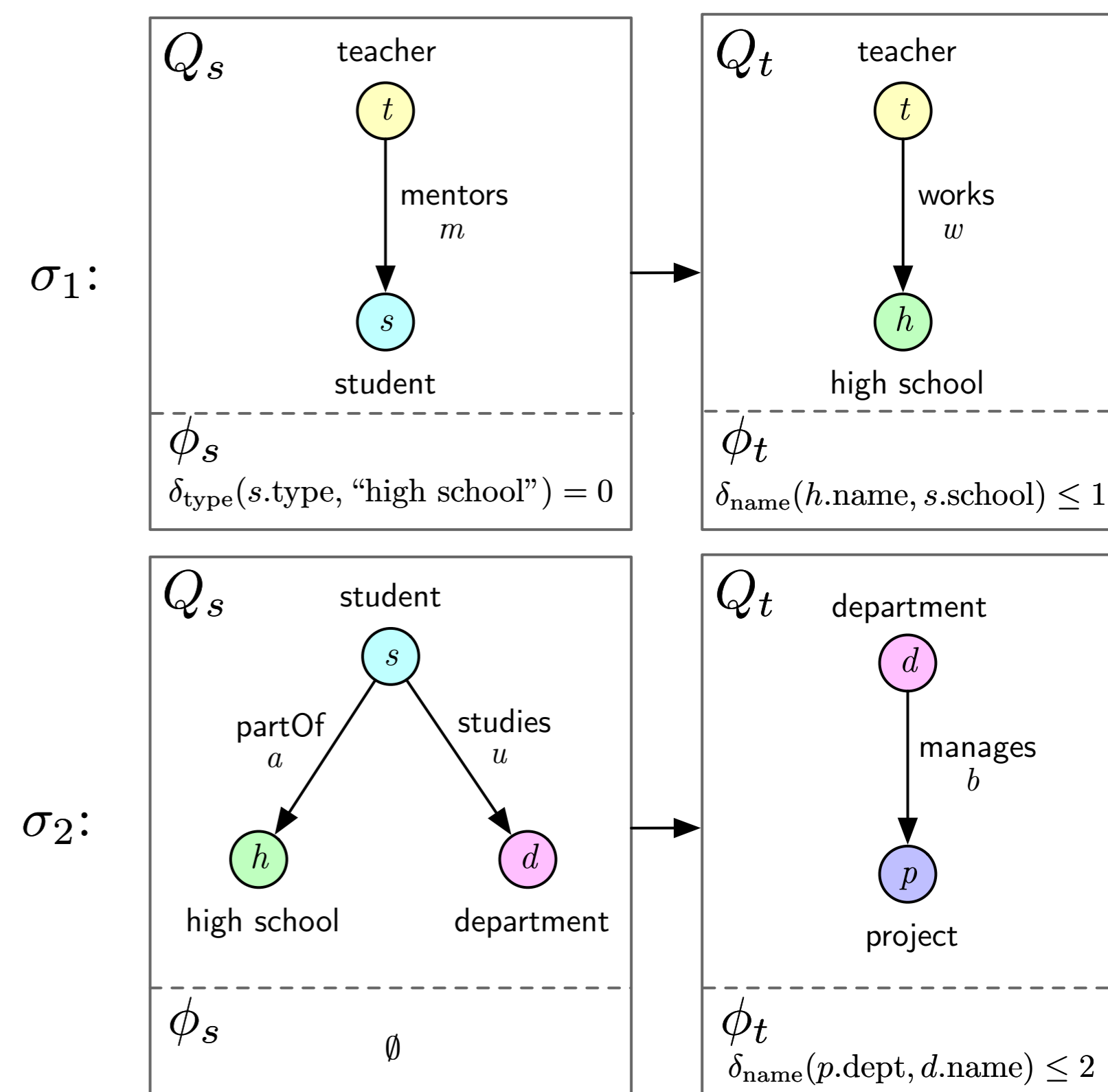
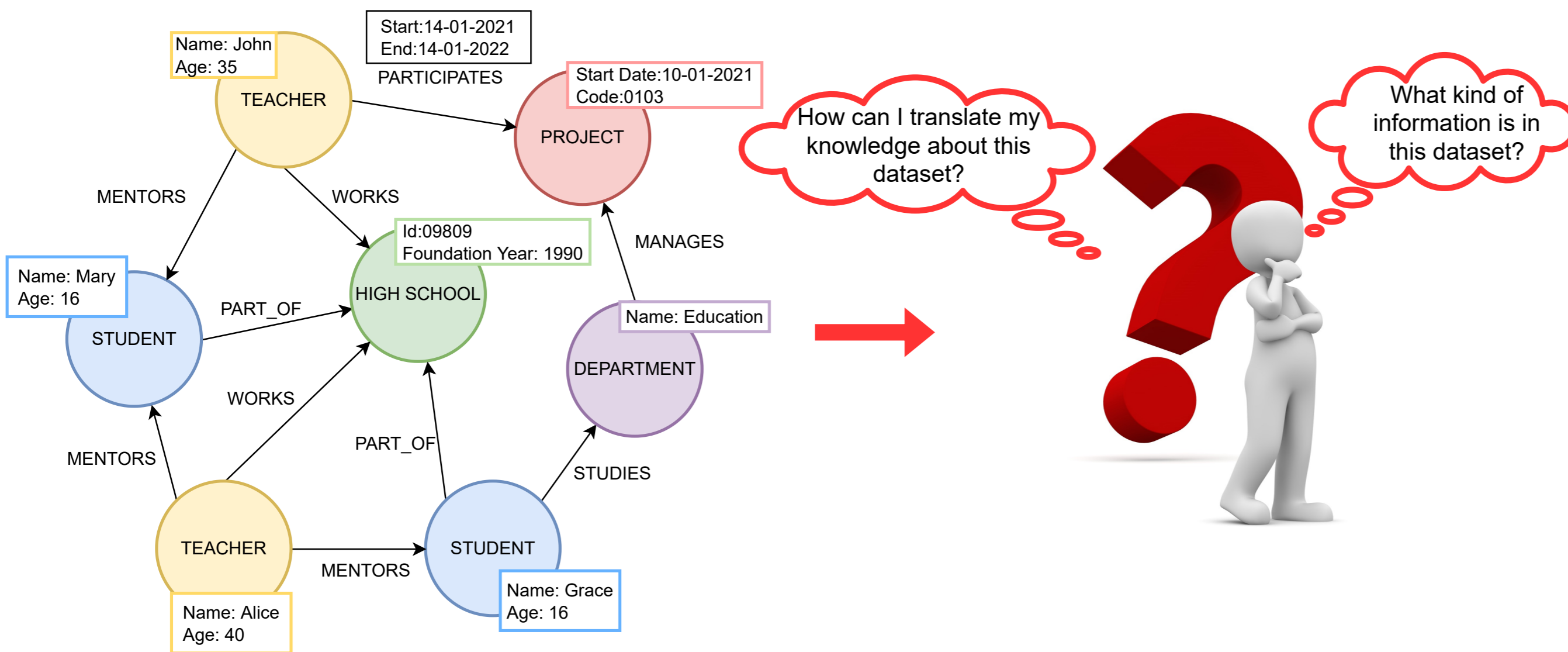
Data Profiling with Graph Generating Dependencies

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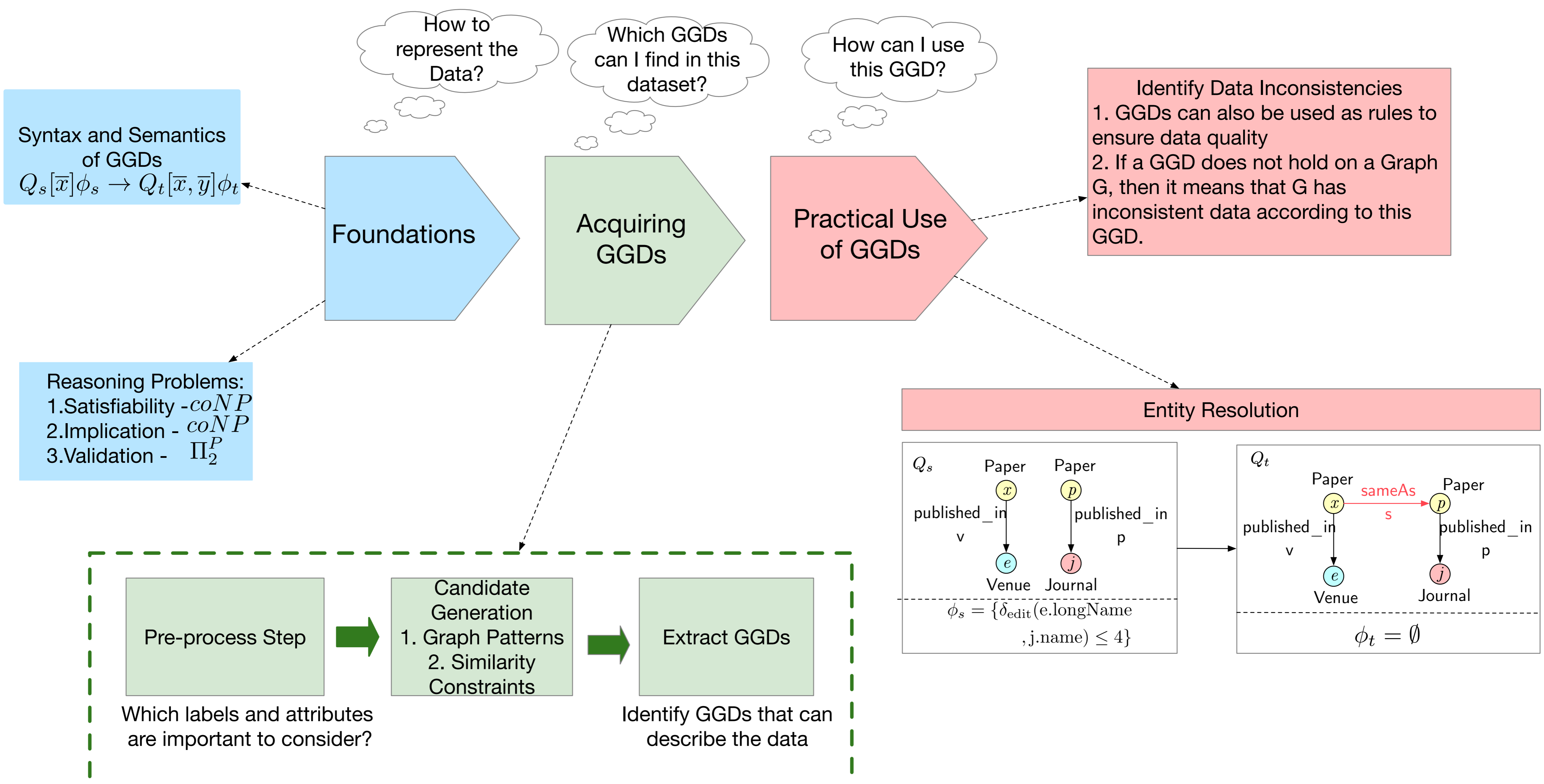
Supervised by: Nikolay Yakovets and George Fletcher

Graph Generating Dependencies - GGDs



- Increasing use of graph-structured data sets in real-world applications, in which property graphs is an emerging standard.
- Relationships in graph data are important!** - Interesting to capture dependencies which express whenever S happens then T should exist.

Project Overview



Conclusion

GGDs can express both topological constraints and also constraints over attributes as well as association between possibly different graph patterns which makes this type of dependency very expressive and fitting for a lot of use cases.

