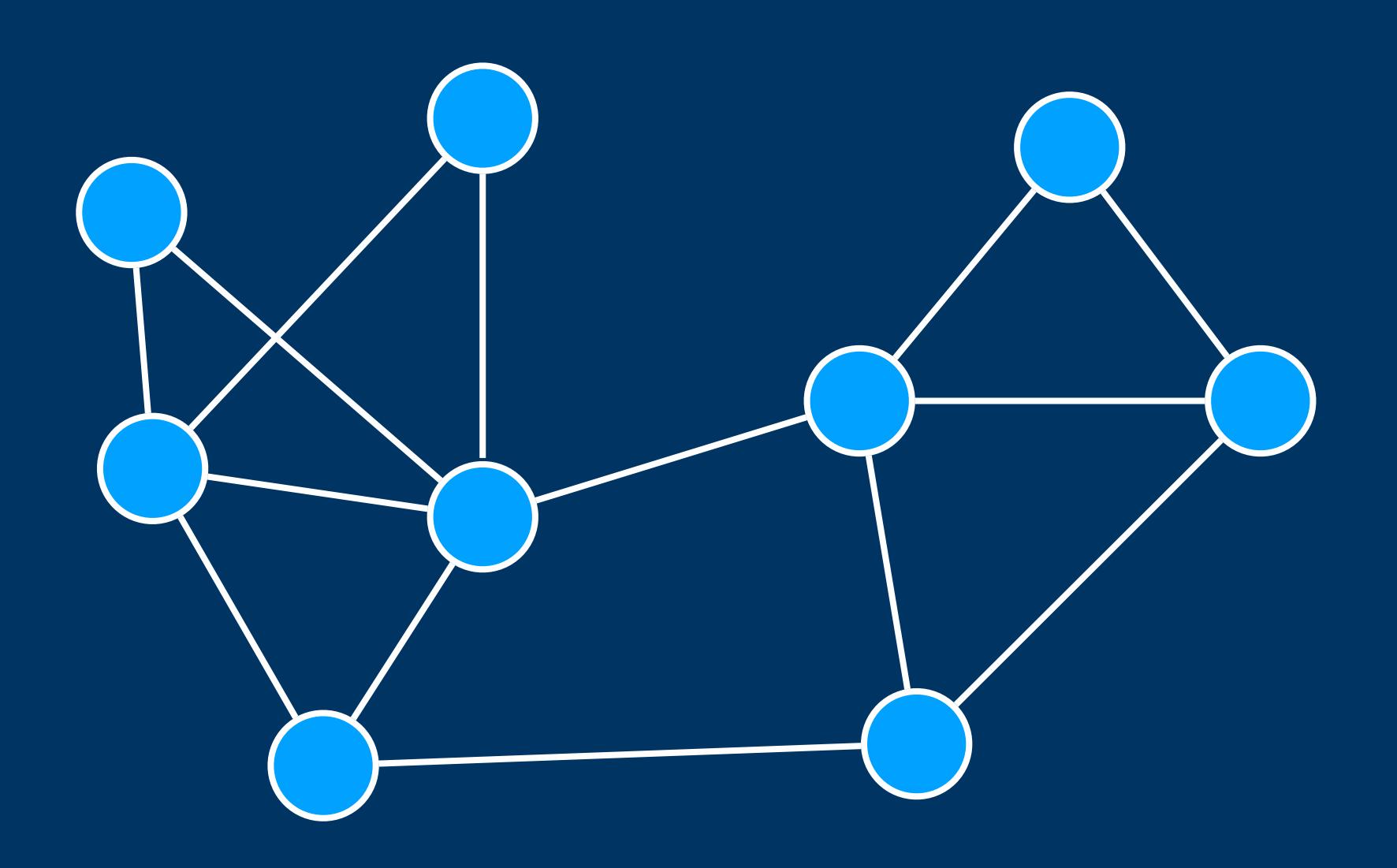
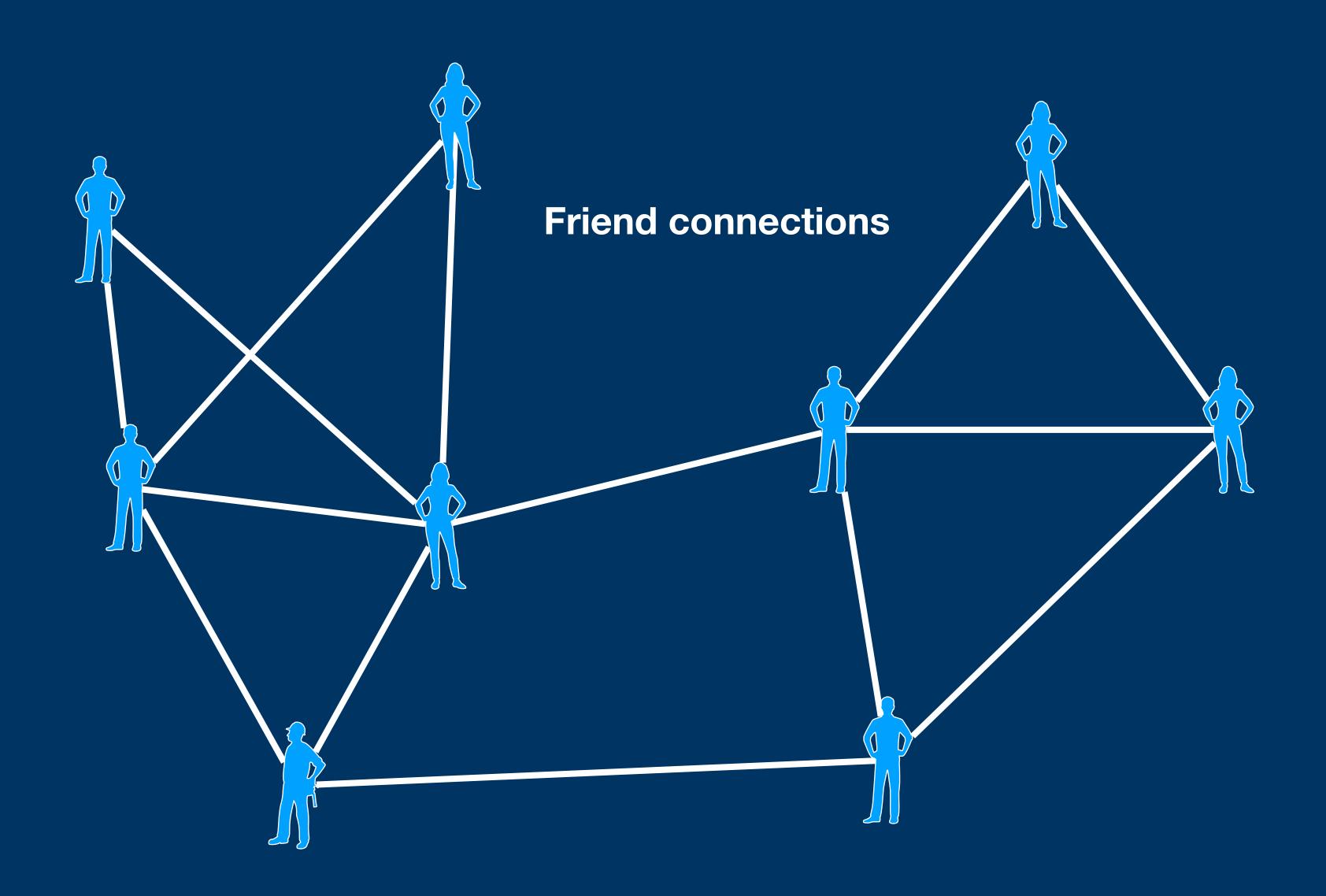
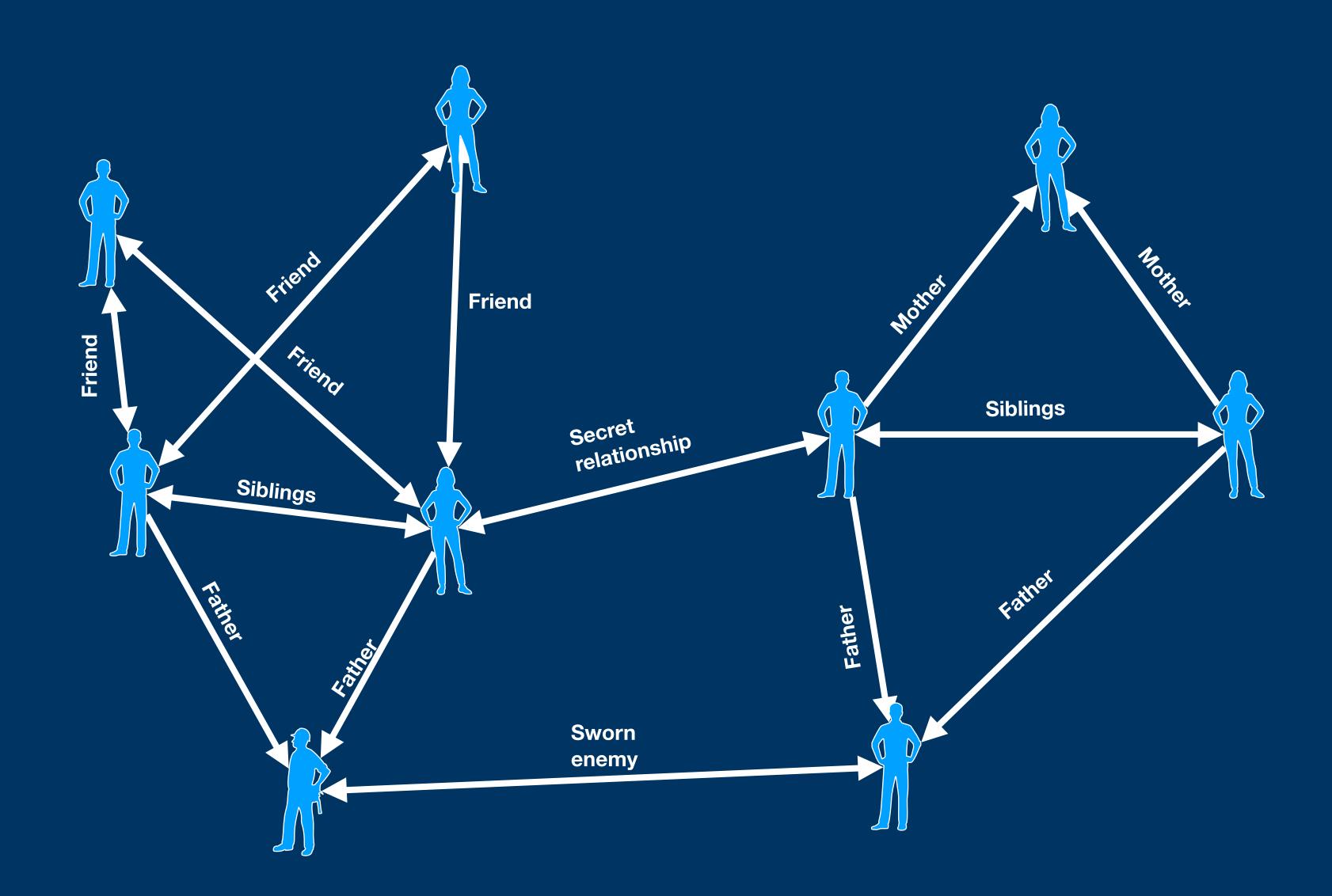
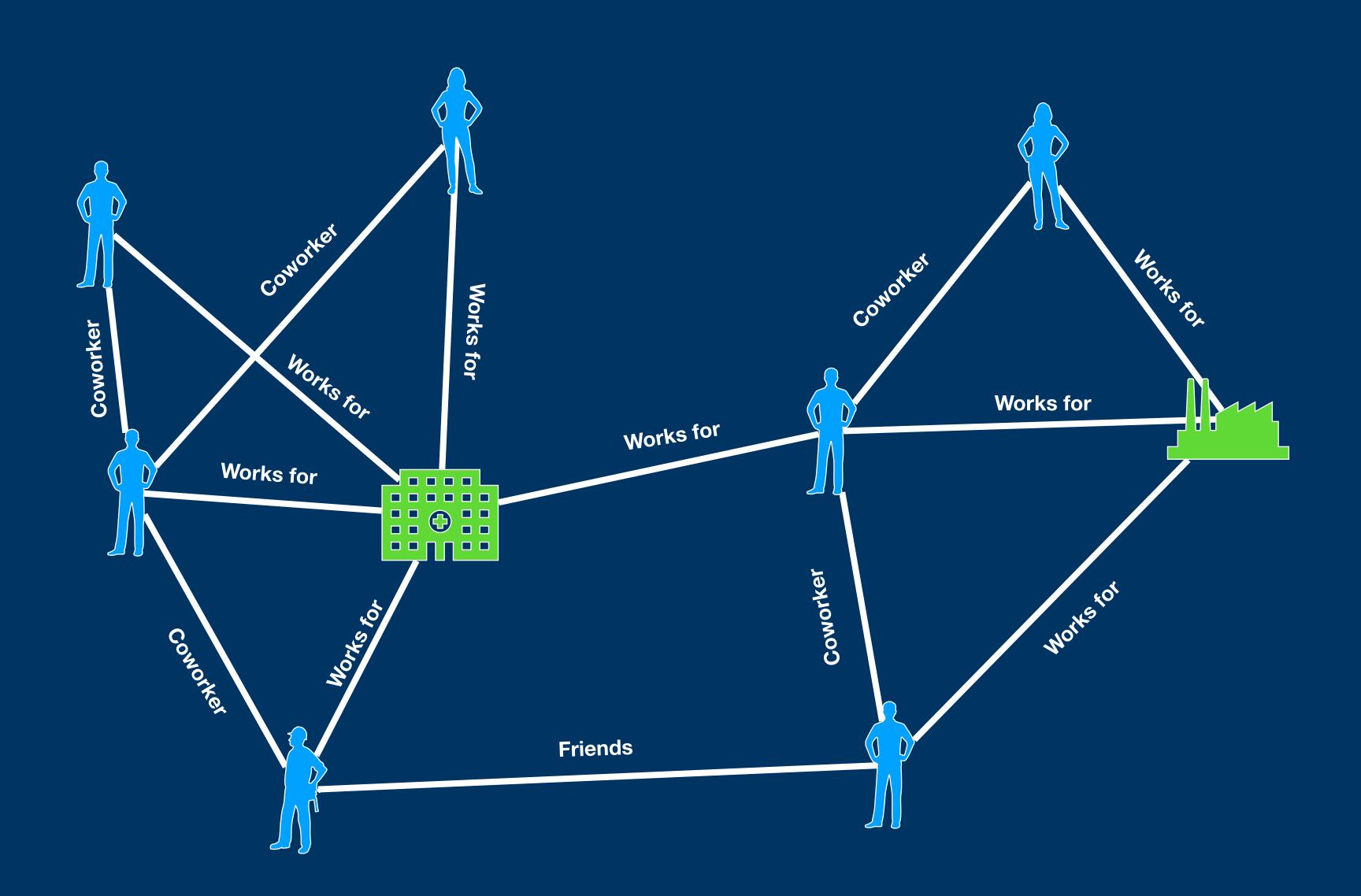
# Machine learning with graphs

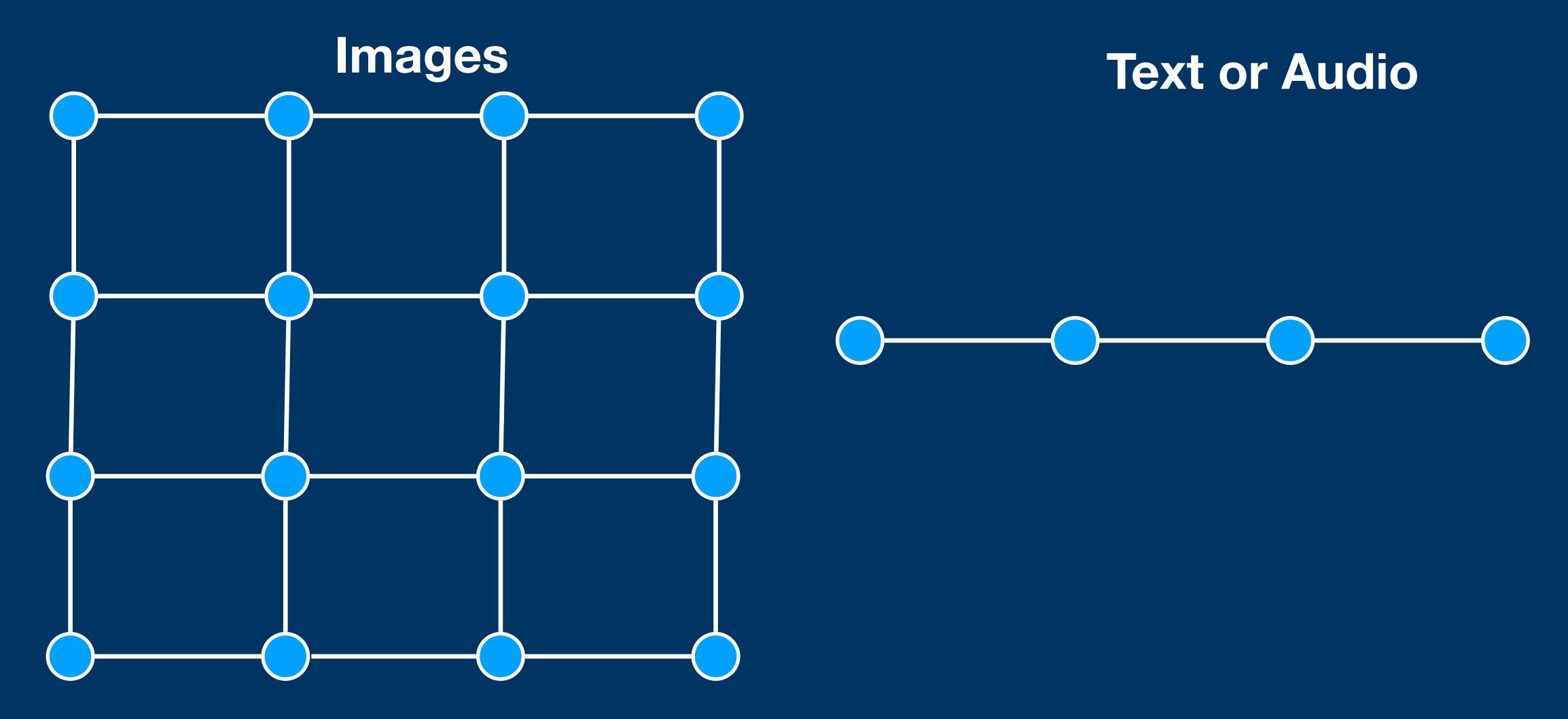




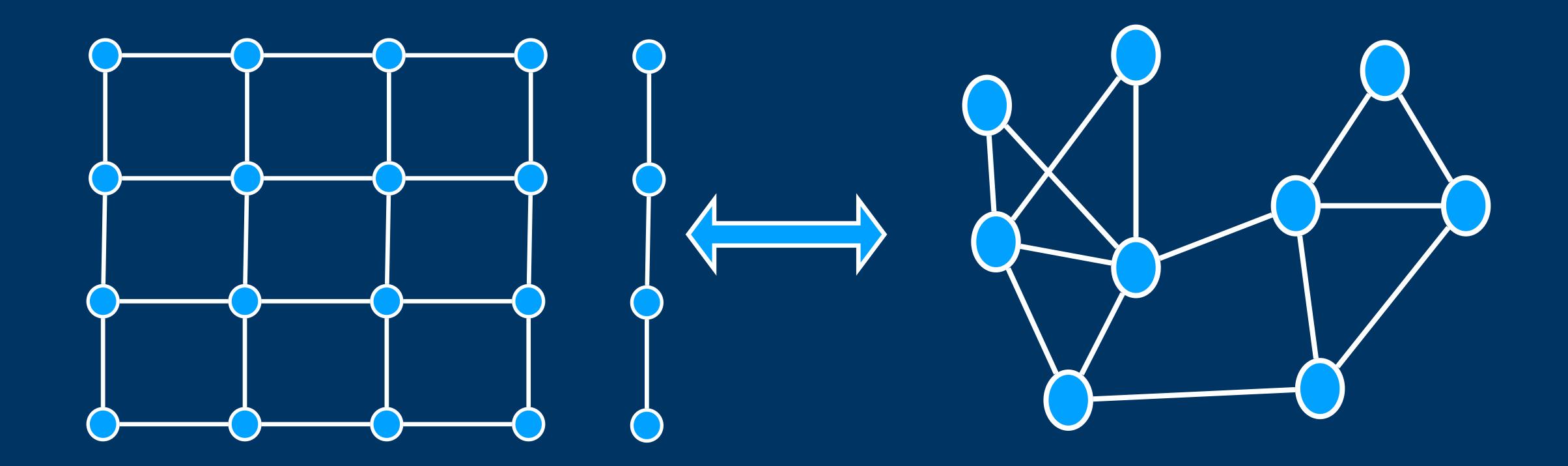




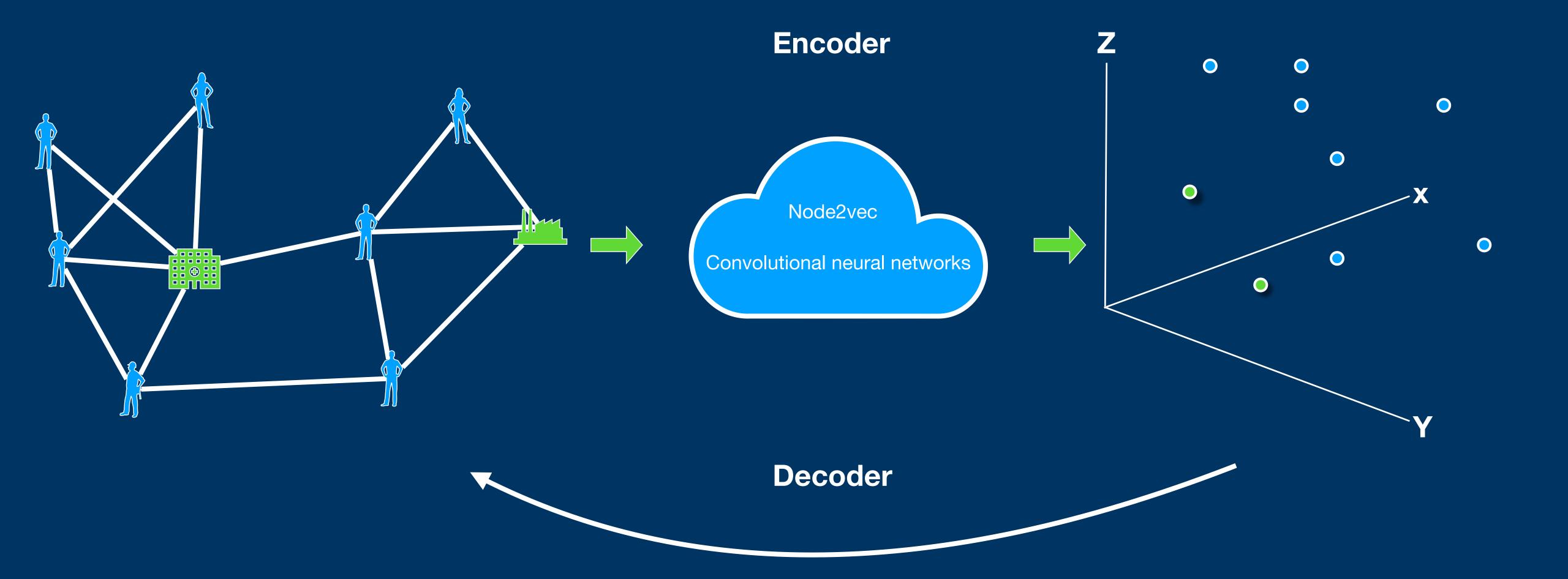
#### What is machine learning?



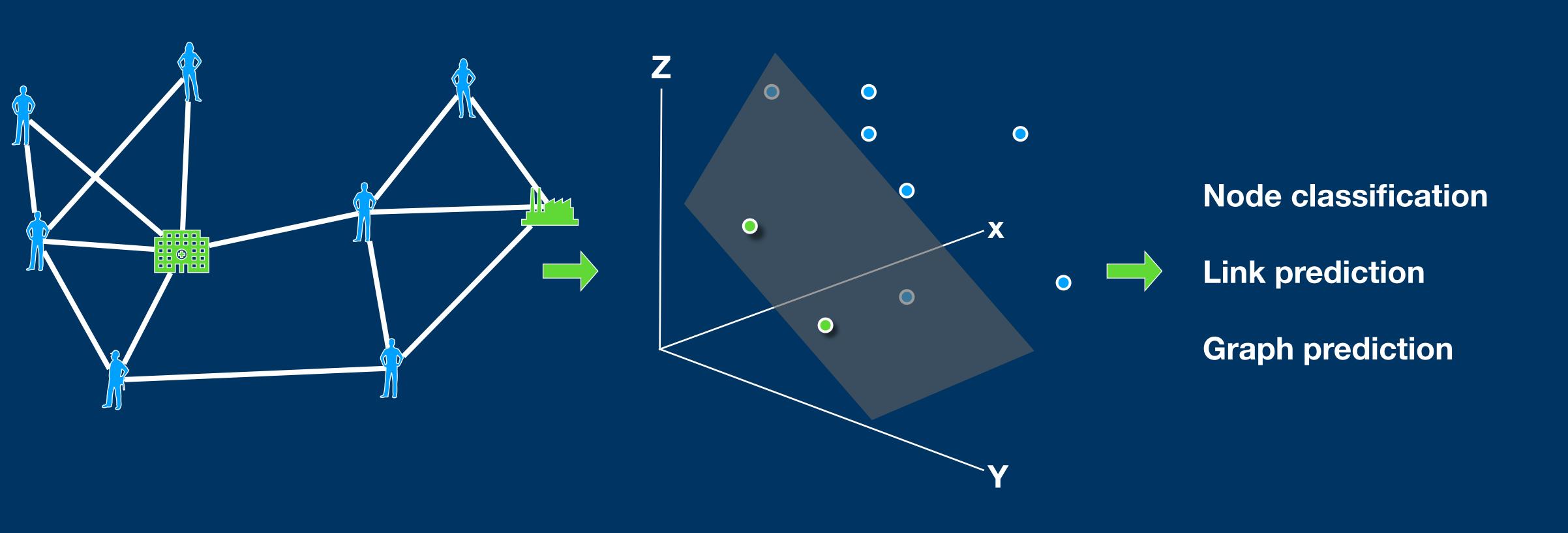
## Machine learning on graphs



# Predicting with graphs



## Predicting with graphs



#### My Project

·ldea







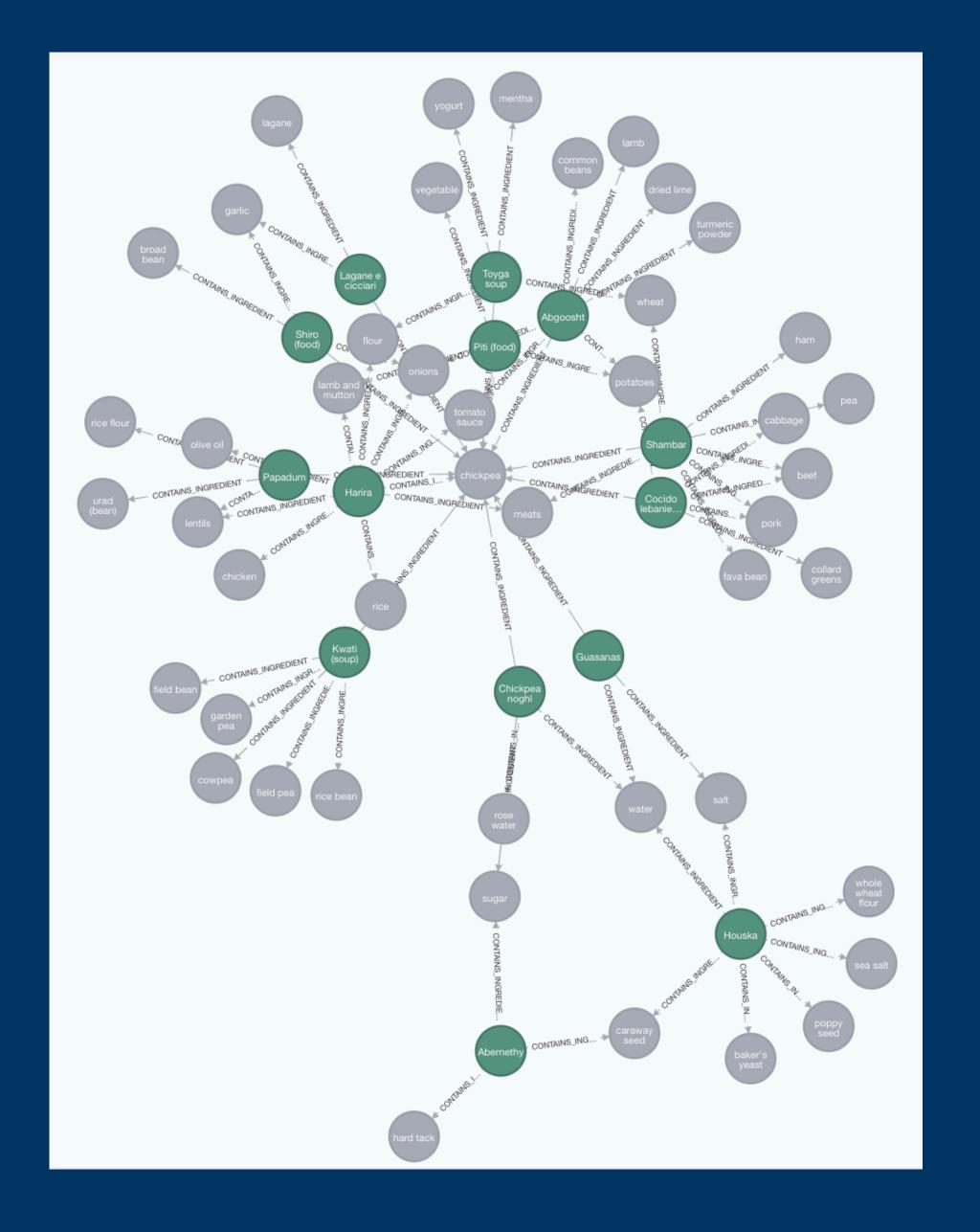


#### My Project

- Theoretical background on graph ML
  - Online Course from Stanford
- Cypher query language
- Applied theory on sample graphs
  - Embedding
  - Node classification tasks

#### Results/discussion

- Node embeddings
  - ·Node2vec
- Node classification



#### Further work

- Investigate more robust embedding algorithms
- Work on link prediction
- Graphs are the new frontier
  - Used by Deep mind in Alpha fold

Thanks!