Database Requirements

- Storage

- Finding Data from Patterns

- Join operations

- Filter operations

- Graph algorithms
  traversal, cluster analysis, etc.

Storage

- Graph represented as node IDs and edge ID

- A Triple
  Entity-Attribute-Value
  Subject-Predicate-Object
  Source-Property-Target

- Often stored as a 4-tuple (quad), 5-tuple, etc.
  Includes: graph labels, timestamps, metadata...