

(1) Knowledge Graph -> Semantic Network -> NIW of Real World Entities

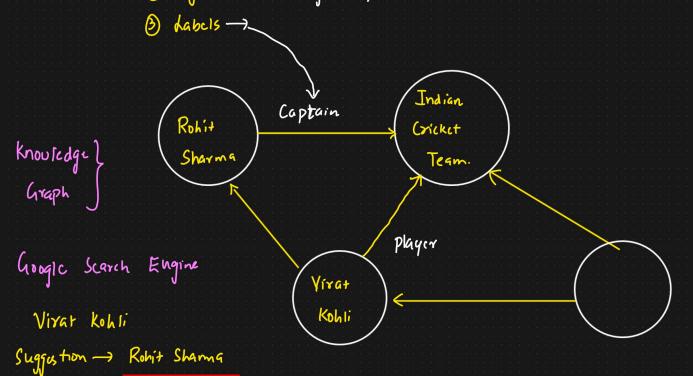
Kg: Event, Situation, Concepts -> Illustrate the meationship between then

NLP VICE are: Robit Sharma is the captain of Indian Cricket Team.

Virat Kohli is the Player of Indian Cricket Team.

Knowledge Graph - Three main Components

- 1) nodes -> Any Object, place or person can be a node.
- 1 Edges An edge defines the reletionship between the nodu.



## Relational DBMS -> Mysel, SQL SERVER GRAPH DATABASÉ RDBMS GRAPH Tablus 1) Nodu Insert Robords -> Rows 2) Properties And Values 3) Columns and Data Kelation ships Constraints -> Primary, Foreign, 4) Candidake Kcy Traversal 5) Joins Quences Atomicity (onsistency ACID-Advantages of Neo 4j flexible Schema Isbiation Durability 1 Data Model - Nodu, Relationship, Proporties And Vames 2 Real time Insight 3) Easy Retrieval -> Cypher guery. (4) Cypher guery language -> Declarative guery language to represent the graph visually (S) No joins @ Neo4j Property Graph Data Modu Neoly Graph Database -- Property Graph Model -> STORE AND MANAGE DATA 1 Relationships 1 Proporties Data = of (1) Notes unidirect honal Key value pairs And Bidirections

RDBMS Vs Graph Databasus

