

Knowledge-Database

A database to store information about knowledge.

Team Info

- **Number:** 29
- **Name:** long long int
- **Members:** [Moida Praneeth Jain](#)(2022101093), [Mohammed Faisal](#)(2022101101), [Harshvardhan Rana](#)(2022101095), [Divyansh Jain](#)(2022101125)

List of Tables

- **Area_of_Study:** A broad field of study.
- **Subtopic:** A specific field of study.
- **Award:** Contains relevant information about awards.
- **Book:** Contains book publisher and edition.
- **Event:** Contains relevant event details.
- **Location:** City to country mappings.
- **Organizes:** University organizing an event on a subtopic.
- **Person:** Contains relevant person information.
- **Publication:** Papers published by a person on a topic and their citations.
- **Researches:** Person researching subtopic at a university.
- **Teaches:** Person teaching a subtopic at a university using a book.
- **University:** Contains relevant university details.
- **University_Accreditations:** Contains the list of accreditations of a university.
- **University_Acronyms:** Contains the list of acronyms of a university.
- **Writes:** Person writes a book on a subtopic.

List of Commands

Generic Commands

These apply to all the tables individually

- Insert
- Update
- Delete

Advanced Queries

These are queried upon multiple tables and model our functional requirements.

- **Last Year Awards:** Get information of all the awards awarded within the past year.
- **Get Prerequisites:** Get the list of immediate prerequisites of any given subtopic.
- **Get Citations:** Get the count of citations of every person.
- **Get University:** Searches for a university given any prefix of the university name.
- **Get Awards University:** Get the awards won by the researches of any given univeristy.