

LET'S START WITH SQL :)

Keys in SQL

Primary key– A primary key is a unique identifier for each record in the table. It ensures that each row can be uniquely identified and accessed within the table.

Foreign key–A foreign key is a field in a table that refers to the primary key of another table. It establishes relationships between tables.

LET'S START WITH SQL :)

Primary Key: A primary key is a key which uniquely identifies each record in a table. It ensures that each tuple or record can be uniquely identified within the table. It is always Unique+ Not null

ID	Name	Hometown
123	Rahul	KOLKATA
245	Raj	KOLKATA
434	Riti	DELHI

LET'S START WITH SQL :)

Foreign Key: A foreign key is a field in a table that refers to the primary key in another table. It establishes a relationship between two tables.

Student

(Base/referenced table)

Roll no	Name	Hometown
1	Rahul	KOLKATA
2	Raj	KOLKATA
3	Riti	DELHI

↓
Primary key

Subject

(referencing table)

Roll no	Name	subject
1	Rahul	Maths
2	Raj	SST
3	Riti	Science

↓
Foreign key

LET'S START WITH SQL :)

Referenced table – Table having primary key (pk)

Referencing table– Table having foreign key(fk)

Student

(Base/referenced table)

Roll no	Name	Hometown
1	Rahul	KOLKATA
2	Raj	KOLKATA
3	Riti	DELHI

↓
Primary key

Subject

(referencing table)

Roll no	subject id	subject
1	s1	Maths
2	s2	SST
3	s3	Science

↓
Foreign key