

## What is difference between primary key and foreign Key?

Feature	Primary Key	Foreign Key
<b>Definition</b>	A unique identifier for each record in a table.	A column or set of columns that establishes a link between tables by referring to the primary key of another table.
<b>Uniqueness</b>	Must be unique for each record in the table.	Does not need to be unique; can have duplicate values.
<b>Nullability</b>	Cannot contain NULL values.	Can contain NULL values, unless specifically constrained.
<b>Purpose</b>	To uniquely identify each record within its own table.	To enforce referential integrity by linking records between tables.

Feature	Primary Key	Foreign Key
<b>Example</b>	In an Employees table, EmployeeID might be the primary key.	In an Orders table, CustomerID might be a foreign key referring to CustomerID in the Customers table.
<b>Relationships</b>	Does not create relationships with other tables.	Creates a relationship with another table by referencing its primary key.
<b>Indexing</b>	Often indexed to speed up searches and lookups.	May or may not be indexed, depending on database design and performance needs.