

Indexes can enhance query performance

	users	
id	first_name	salary
1	Max	11000
2	Manuel	15700
3	Julie	9500
4	Anna	18000
5	Michaela	12000

SELECT * FROM users WHERE salary > 11000;



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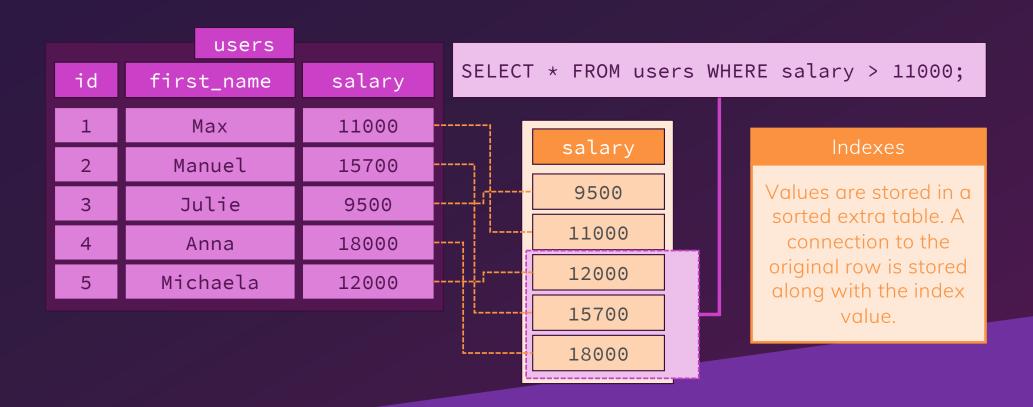
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salary



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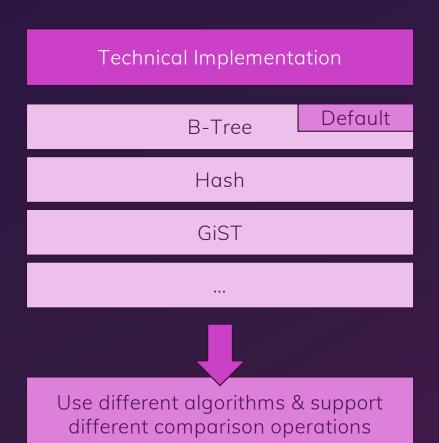




By Default, An Index Is Created For The Primary Key



Different Types Of Indexes



Kind Of Index / Functionality

Standard single-column index

Unique index

Multi-column index

Partial index Not In MySQL



Used for different purposes & data values



When To Use Which Type Of Index

Standard singlecolumn index

Unique index

Multi-column index

Partial index

Use if you frequently use a column in the WHERE clause of your queries

Use if you frequently use multiple columns in the WHERE clause of your queries

Use if only a subset of column values should be optimized for querying

In addition, duplicate values are blocked



Don't Use Too Many Indexes!



The Problem With Too Many Indexes

