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Clustered vs. Non-clustered Indexes

Clustered vs. Non-clustered Indexes

- **Clustered index:** The values in the column indexed are physically stored in alphabetical or numeric order.
 - You can only have one clustered index per table.
 - If you assign a primary key, the system automatically creates a clustered index on that column.
 - If no primary key is defined on a table, the first column that has an index defined for it becomes the clustered index.
- **Non-clustered index:** Column values are not in alphabetical or numeric order
 - You can add as many non-clustered indexes to a table as you want.
 - You should only create additional non-clustered indexes on a table if you need to search or perform a join on that column. When you create a foreign key column, a non-clustered index is automatically created for that column.



Miles, M. (n.d.). *Learning MySQL*. EdTech Books.
https://edtechbooks.org/learning_mysql