

* SQL \rightarrow set operation on tree Data structure

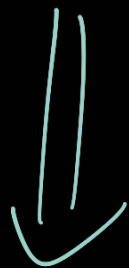
* Table is logic view
 \Downarrow

Table = set of rows/tuples

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As each row is always unique

* Each row can have multiple fields/columns.

* Set can be implemented using tree Data structure



SQL query is converted
to set operations on Data
structure.

* All these SET operations are defined inside Database software code

* These SET operations are what we learnt in Relational Algebra.

* Query execution and optimization engine does this conversion