

# Topic Cheat Sheet

## Basic queries

Filter your columns  
**SELECT** col1,col2,col3,... **FROM** table1

Filter the rows  
**WHERE** col4 = 1 AND col5 = 2

Aggregate the data  
**GROUP** by ...

Limit aggregated data  
**HAVING** count(\*) > 1

Order of the results  
**ORDER BY** col2

## Useful SELECT keywords

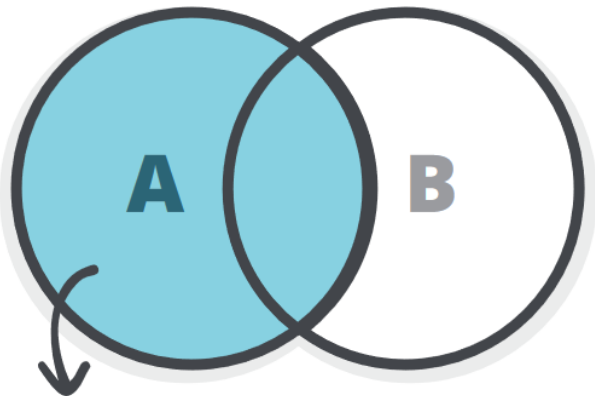
**DISTINCT** – return unique results  
**BETWEEN** a **AND** b – limit the range  
**LIKE** – pattern search within the column text  
**IN** (a,b,c) – check if the value is contained)

## Data modification

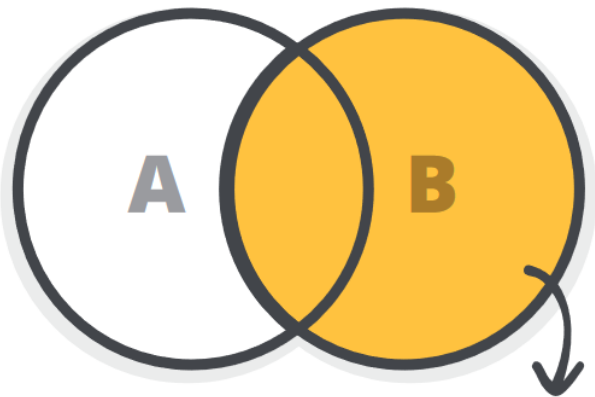
Update specific data within the **WHERE** clause  
**UPDATE** table **SET** c1 = **WHERE** c2 = 2

Insert values manually  
**INSERT INTO** table1 (**ID**, **FIRST\_NAME**,  
**LAST\_NAME**) **VALUES** (1, 'Name', 'Surname');

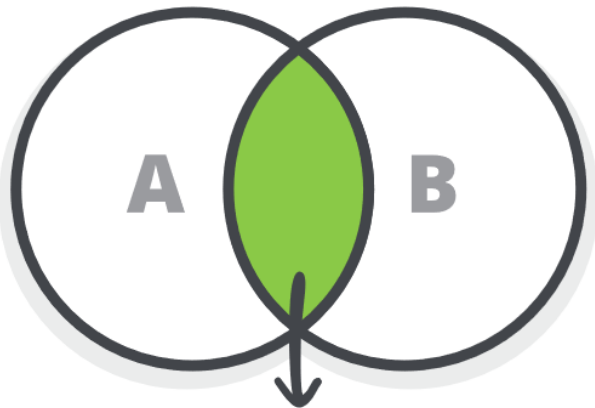
## Joins



**LEFT OUTER JOIN** – all rows from table A, even if they do not exist in table B



**RIGHT OUTER JOIN** – all rows from table B, even if they do not exist in table A



**INNER JOIN** – rows that exist in both tables

Text  
command

## Section 7

Text  
command

Text  
command

Text  
command

Text  
command

Text  
command

## Section 4

## Section 5

## Section 6

Text  
command

Text  
command

Text  
command

Text  
command