

# SQL Commands

This PDF lists common SQL commands, and the syntax for each command.

## Select Statement

```
SELECT "column_name" FROM "table_name"
```

## Distinct

```
SELECT DISTINCT "column_name"
FROM "table_name"
```

## Where

```
SELECT "column_name"
FROM "table_name"
WHERE "condition"
```

## In

```
SELECT "column_name"
FROM "table_name"
WHERE "column_name" IN ('value1', 'value2',
...)
```

## Between

```
SELECT "column_name"
FROM "table_name"
WHERE "column_name" BETWEEN 'value1'
AND 'value2'
```

## Like

```
SELECT "column_name"
FROM "table_name"
WHERE "column_name" LIKE {PATTERN}
```

## Order By

```
SELECT "column_name"
FROM "table_name"
[WHERE "condition"]
ORDER BY "column_name" [ASC, DESC]
```

## Count

```
SELECT COUNT("column_name")
FROM "table_name"
```

## Group By

```
SELECT "column_name1",
SUM("column_name2")
FROM "table_name"
GROUP BY "column_name1"
```

## Having

```
SELECT "column_name1",
SUM("column_name2")
FROM "table_name"
GROUP BY "column_name1"
HAVING (arithmetic function condition)
```

## Create Table Statement

```
CREATE TABLE "table_name"
("column 1" "data_type_for_column_1",
"column 2" "data_type_for_column_2", ... )
```

## Drop Table Statement

```
DROP TABLE "table_name"
```

## Truncate Table Statement

```
TRUNCATE TABLE "table_name"
```

## Insert Into Statement

```
INSERT INTO "table_name" ("column1",
"column2", ...)
VALUES ("value1", "value2", ...)
```

## Insert Into Select Statement

```
INSERT INTO "table1"
("column1", "column2", ...)
SELECT "column3", "column4", ...
FROM "table2"
```

## Update Statement

```
UPDATE "table_name"
SET "column_1" = [new value]
WHERE {condition}
```

## Delete From Statement

```
DELETE FROM "table_name"
WHERE {condition}
```