

SQL cheat sheet

1. Creating a database:

```
CREATE DATABASE dbname;
```

2. Switching to a database:

```
USE dbname;
```

3. Creating a table:

```
CREATE TABLE tablename (  
    column1 datatype,  
    column2 datatype,  
    column3 datatype  
);
```

4. Adding a new column to an existing table:

```
ALTER TABLE tablename ADD COLUMN column_name datatype;
```

5. 1. Inserting data into a table:

```
ALTER TABLE tablename ADD COLUMN column_name datatype;
```

6. Updating data in a table:

```
UPDATE tablename SET column_name = new_value WHERE condition;
```

7. Deleting data from a table:

```
DELETE FROM tablename WHERE condition;
```

8. Selecting data from a table:

```
SELECT column1, column2, column3 FROM tablename WHERE condition;
```

9. Joining tables:

```
SELECT column1, column2, column3 FROM table1 JOIN table2 ON table1.column_name = table2.column_name WHERE condition;
```

10. Grouping data:

```
SELECT column1, COUNT(*) FROM tablename GROUP BY column1;
```

11. Sorting data:

```
SELECT column1, column2, column3 FROM tablename ORDER BY column1 ASC, column2 DESC;
```

12. Limiting results:

```
SELECT column1, column2, column3 FROM tablename LIMIT 10;
```