

Git cheat sheet

Here is a **clear, compact SQL cheat sheet** with the **20 most important commands & concepts** — perfect for beginners and quick reference.

SQL Cheat Sheet — Top 20 Essentials

1. Select Data

```
sql|
```

```
SELECT * FROM table;  
SELECT column1, column2 FROM table;
```

2. Filtering Rows (WHERE)

```
sql|
```

```
SELECT * FROM table  
WHERE condition;
```

3. Comparison Operators

```
javascript
```

```
= <> > < >= <=
```

4. Logical Operators

```
nginx
```

```
AND OR NOT
```

5. Sorting Results (ORDER BY)

```
sql|
```

```
SELECT * FROM table  
ORDER BY column ASC;
```

6. Limit Results

```
sql|
```

```
SELECT * FROM table  
LIMIT 10;
```

7. Aliases

```
sql|
```

```
SELECT column AS nickname  
FROM table AS t;
```

8. Insert Data

```
sql|
```

```
INSERT INTO table (col1, col2)  
VALUES (val1, val2);
```

9. Update Data

```
sql|
```

```
UPDATE table  
SET column = value  
WHERE condition;
```

10. Delete Rows

```
sql|
```

```
DELETE FROM table  
WHERE condition;
```

⚠ Always use WHERE to avoid deleting everything.

11. Aggregate Functions

```
SCSS
```

COUNT() SUM() AVG() MIN() MAX()

12. Grouping (GROUP BY)

sql

```
SELECT column, COUNT(*)  
FROM table  
GROUP BY column;
```

13. Filtering Groups (HAVING)

sql

```
SELECT column, COUNT(*)  
FROM table  
GROUP BY column  
HAVING COUNT(*) > 5;
```

14. JOIN (INNER)

sql

```
SELECT *  
FROM A  
JOIN B ON A.id = B.id;
```

15. LEFT JOIN

sql

```
SELECT *  
FROM A  
LEFT JOIN B ON A.id = B.id;
```

16. RIGHT JOIN

sql

```
SELECT *  
FROM A
```

```
RIGHT JOIN B ON A.id = B.id;
```

17. FULL OUTER JOIN (if supported)

```
sql
```

```
SELECT *
FROM A
FULL OUTER JOIN B ON A.id = B.id;
```

18. Create Table

```
sql
```

```
CREATE TABLE table (
    id INT PRIMARY KEY,
    name VARCHAR(100)
);
```

19. Add Column

```
sql
```

```
ALTER TABLE table
ADD COLUMN new_col INT;
```

20. Drop Table

```
sql
```

```
DROP TABLE table;
```

If you'd like, I can also generate a **print-ready PDF version** like the Git sheet.