

Postgres Cheat Sheet

Create a table

```
CREATE TABLE products (  
    id integer,  
    name text,  
    price numeric(5, 2)  
);
```

Inserting data

```
INSERT INTO products (id, name,  
price)  
VALUES  
(11773, 'South Face Jacket',  
174.99),  
(11774, 'Big Mountain 2-Person  
Tent', 219.99),  
(11775, 'King Cole Camp Stove',  
34.99),  
(11776, 'Oregon Trail Mountain  
Bike', 579.99);
```

Single insert

```
INSERT INTO products VALUES  
(11773, 'South Face Jacket',  
174.99);
```

Updating a record

```
UPDATE products SET price=159.99  
WHERE id=11773;
```

Update a record with AND

```
UPDATE products SET price=209.99  
WHERE id=11774 AND name='Big  
Mountain 2-Person Tent';
```

Delete a record

```
DELETE FROM products WHERE  
id=11776;
```

Delete a range of records

```
DELETE FROM products WHERE id>  
11774 AND price < 100;
```

Change a tables schema with alter

```
ALTER TABLE products ADD COLUMN  
description text;
```

Set a default value to a schema change

```
ALTER TABLE products ADD COLUMN  
description text SET DEFAULT  
'None';
```

Drop a column in a Schema

```
ALTER TABLE products DROP COLUMN  
description;
```

Drop a whole table

```
DROP TABLE products;
```

Format of select statement

```
SELECT <column1, column2, ... *>  
FROM <table1, table2 ...>  
<optional: WHERE <condition>>
```

Select Contains

```
SELECT title  
FROM books  
WHERE title LIKE  
'%Bartholomew%';
```

Select Starts with

```
SELECT title  
FROM books  
WHERE title LIKE 'H%';
```