SQL Cheatsheet II

CREATE TABLE

```sql
CREATE TABLE startups (
  id INTEGER PRIMARY KEY,
  name TEXT,
  hq TEXT,
  year INTEGER
);
```

INSERT INTO

```sql
INSERT INTO startups (id, name, hq, year)
VALUES (1, 'Codédex', 'Brooklyn', 2022);

INSERT INTO startups (id, name, hq, year)
VALUES (2, 'Twitter', 'SF', 2006);

INSERT INTO startups (id, name, hq, year)
VALUES (3, 'BeReal', 'Paris', 2020);
```

ALTER TABLE

```sql
ALTER TABLE startups
ADD COLUMN about TEXT;
```

UPDATE

```sql
UPDATE startups
SET name = 'X'
WHERE name = 'Twitter';
```

DELETE FROM

```sql
DELETE FROM startups
WHERE name = 'BeReal';
```

Data Types in SQLite

```sql
-- TEXT, INTEGER, REAL, DATE (YYYY-MM-DD)
```
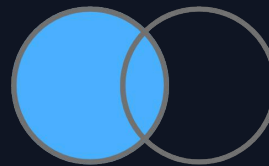
INNER JOIN

```sql
SELECT columns
FROM table1
JOIN table2
  ON table1.column1 = table2.column2;
```
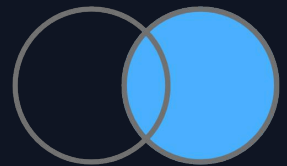
LEFT JOIN

```sql
SELECT name, year, country
FROM directors
LEFT JOIN movies
  ON directors.name = movies.director;
```
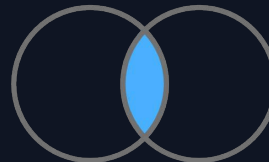
UNION

```sql
SELECT name
FROM directors
UNION
SELECT name
FROM movies;
```
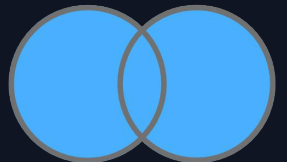
LEFT JOIN

RIGHT JOIN

INNER JOIN

FULL JOIN

Primary Key vs Foreign Key

```sql
-- Primary key is a column that uniquely
   identifies each row in a table.

-- Foreign key is a column in one table
   that that refers to the primary key
   in another table.
```

Codédex