

### # Criar keyspace

```
CREATE KEYSPACE IF NOT EXISTS imoveis_keyspace  
WITH replication = {'class': 'SimpleStrategy', 'replication_factor': 1};
```

### # Usar o keyspace criado

```
USE imoveis_keyspace;
```

### # Criar a tabela

```
CREATE TABLE IF NOT EXISTS imoveis (  
  id UUID PRIMARY KEY,  
  endereco TEXT,  
  tipo_imovel TEXT,  
  area DOUBLE,  
  preco DOUBLE  
);
```

### # Querys de inserção:

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)  
VALUES (98a0cfb6-3a3e-4a8d-b13d-3e9f431e91a2, 'Rua A, 123', 'Casa', 150.5,  
500000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco) VALUES  
(d1ef4b8d-1e12-4a6a-bfbf-2d12c04a6890, 'Avenida B, 456', 'Apartamento', 80.0,  
300000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)  
VALUES (baa91d12-5d65-4d82-85a8-dc11d5271890, 'Rua D, 321', 'Casa', 200.0,  
600000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)  
VALUES (e5e1a63a-0488-4a8d-99bb-c3aa3d21ab13, 'Travessa C, 789', 'Terreno', 500.0,  
150000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)  
VALUES (6b50d2db-6c48-40fc-9a91-271e65084685, 'Avenida E, 654', 'Apartamento', 120.5,  
400000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)  
VALUES (4f9e7a36-0c5d-45e2-9c4e-1f1b10d8c94b, 'Rua F, 987', 'Terreno', 800.0,  
250000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)  
VALUES (c32a90b7-014d-45e3-85c7-63a83b556e92, 'Avenida G, 1122', 'Casa', 180.0,  
550000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)
```

```
VALUES (72d22e88-d2e2-4db9-ae37-7d8d3e874a97, 'Travessa H, 1365', 'Apartamento', 90.5, 320000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)
VALUES (a7e1f5bf-9e42-46cd-8d06-4b35dbb6d938, 'Rua I, 154', 'Casa', 220.0, 700000.00);
```

```
INSERT INTO imoveis (id, endereco, tipo_imovel, area, preco)
VALUES (18b3b6d1-84f1-4f3d-bdb9-5a0d537db51f, 'Avenida J, 1789', 'Terreno', 550.0, 180000.00);
```

### # Consultas gerais;

```
SELECT * FROM imoveis;
```

```
[cqlsh:imoveis_keyspace> select * from imoveis;
```

id	area	endereco	preco	tipo_imovel
d1ef4b8d-1e12-4a6a-bfbf-2d12c04a6890	80	Avenida B, 456	3e+05	Apartamento
e5e1a63a-0488-4a8d-99bb-c3aa3d21ab13	500	Travessa C, 789	1.5e+05	Terreno
baa91d12-5d65-4d82-85a8-dc11d5271890	200	Rua D, 321	6e+05	Casa
c32a90b7-014d-45e3-85c7-63a83b556e92	180	Avenida G, 1122	5.5e+05	Casa
6b50d2db-6c48-40fc-9a91-271e65084685	120.5	Avenida E, 654	4e+05	Apartamento
18b3b6d1-84f1-4f3d-bdb9-5a0d537db51f	550	Avenida J, 1789	1.8e+05	Terreno
98a0cfb6-3a3e-4a8d-b13d-3e9f431e91a2	150.5	Rua A, 123	5e+05	Casa
72d22e88-d2e2-4db9-ae37-7d8d3e874a97	90.5	Travessa H, 1365	3.2e+05	Apartamento
4f9e7a36-0c5d-45e2-9c4e-1f1b10d8c94b	800	Rua F, 987	2.5e+05	Terreno
a7e1f5bf-9e42-46cd-8d06-4b35dbb6d938	220	Rua I, 154	7e+05	Casa

### # Consultas por condições;

```
SELECT * FROM imoveis WHERE tipo_imovel = 'Casa';
```

```
[cqlsh:imoveis_keyspace> CREATE INDEX ON imoveis (tipo_imovel);
[cqlsh:imoveis_keyspace> SELECT * FROM imoveis WHERE tipo_imovel = 'Casa';
```

id	area	endereco	preco	tipo_imovel
baa91d12-5d65-4d82-85a8-dc11d5271890	200	Rua D, 321	6e+05	Casa
c32a90b7-014d-45e3-85c7-63a83b556e92	180	Avenida G, 1122	5.5e+05	Casa
98a0cfb6-3a3e-4a8d-b13d-3e9f431e91a2	150.5	Rua A, 123	5e+05	Casa
a7e1f5bf-9e42-46cd-8d06-4b35dbb6d938	220	Rua I, 154	7e+05	Casa

```
(4 rows)
```

### # Alteração de dados em colunas;

```
UPDATE imoveis SET preco = 650000.00 WHERE id =
98a0cfb6-3a3e-4a8d-b13d-3e9f431e91a2;
```

id	ano_construcao	area	endereco	preco	tipo_imovel
98a0cfb6-3a3e-4a8d-b13d-3e9f431e91a2	null	150.5	Rua A, 123	6.5e+05	Casa

## # Adição de campos em colunas;

ALTER TABLE imoveis ADD ano\_construcao INT;

```
(28 rows)  
cqlsh:imoveis_keyspace> ALTER TABLE imoveis ADD ano_construcao INT;  
cqlsh:imoveis_keyspace> SELECT * FROM imoveis;
```

id	ano_construcao	area	endereco	preco	tipo_imovel
d1ef4b8d-1e12-4a6a-bfbf-2d12c04a6890	null	80	Avenida B, 456	3e+05	Apartamento
e5e1a63a-0488-4a8d-99bb-c3aa3d21ab13	null	500	Travessa C, 789	1.5e+05	Terreno
baa91d12-5d65-4d82-85a8-dc11d5271890	null	200	Rua D, 321	6e+05	Casa
d866eb12-5ea1-4a0e-a298-2dac7a9cea28	null	110	Rua K, 987	4.5e+05	Apartamento
c32a90b7-014d-45e3-85c7-63a83b556e92	null	180	Avenida G, 1122	5.5e+05	Casa
18b3b6d1-84f1-4f3d-bdb9-5a0d537db51f	null	550	Avenida J, 1789	1.8e+05	Terreno
98a0cfb6-3a3e-4a8d-b13d-3e9f431e91a2	null	150.5	Rua A, 123	6.5e+05	Casa
72d22e88-d2e2-4db9-ae37-7d8d3e874a97	null	90.5	Travessa H, 1365	3.2e+05	Apartamento
4f9e7a36-0c5d-45e2-9c4e-1f1b10d8c94b	null	800	Rua F, 987	2.5e+05	Terreno
a7e1f5bf-9e42-46cd-8d06-4b35dbb6d938	null	220	Rua I, 154	7e+05	Casa

## # Remoção de informações

DELETE FROM imoveis WHERE id = 6b50d2db-6c48-40fc-9a91-271e65084685;