person

person_id 🔑
first_name
last_name
birthday

```
1  SELECT COUNT(*)
2  FROM person;
```

| Query | Time (ms) |

Data Output   Explain   Messages   Notifications

Successfully run. Total query runtime   3 secs 562 msec.
1 rows affected.

3s 562ms = 3562 ms

```
1  SELECT COUNT(*)
2  FROM person
3  WHERE last_name = 'Smith';
```

Query	Time (ms)
COUNT(*)	3562

Data Output   Explain   Messages   Notifications

Successfully run. Total query runtime 4 secs 261 msec.
1 rows affected.

```sql
1  SELECT COUNT(*)
2  FROM person
3  WHERE birthday BETWEEN '1980-05-01'
4      AND '1980-05-31';
```

Query	Time (ms)
COUNT(*)	3562
Last Name: 'Smith'	4261
First Name: 'Emma'	4066

Data Output   Explain   Messages   Notifications

	count bigint
1	166384

Query	Time (ms)
COUNT(*)	3562
Last Name: 'Smith'	4261
First Name: 'Emma'	4066
Born: May 1980	4480
First Name: 'Michael'	4127
Last Name: {'Hawkins', 'Snow'}	5315
Born: 1995-04-01	4110

Queries: 7
Rows scanned: 700,000,000
Time required: 29,921 ms

Nullam ultricies nibh sit amet sodales ultricies.

Donec feugiat nunc id sapien consectetur, non sodales quam consectetur.

Integer maximus enim vitae mattis bibendum.

Duis quis lorem sed nibh aliquam finibus.

Vivamus interdum leo laoreet hendrerit lobortis.

Proin lobortis nunc sit amet nibh rhoncus cursus.

Donec rhoncus felis vitae porta aliquet.

In ornare quam vel ex dignissim semper.

Quisque sed est vel lectus pretium pretium vel at ante.

Fusce eu odio viverra, rutrum tortor sit amet, vehicula augue.

Vivamus vel lorem in nisl efficitur venenatis.

Donec eget sem eu nisl tincidunt aliquet.

Sed quis nisi sagittis, facilisis risus nec, iaculis elit.

Maecenas eget metus nec elit tincidunt commodo.

```sql
1  CREATE INDEX person_first_name_idx
2  ON person (first_name);
```

Data Output   Explain   Messages   Notifications

CREATE INDEX

Query returned successfully in 4 min 7 secs.

Query	Time (ms)
COUNT(*)	3562
Last Name: 'Smith'	4261
First Name: 'Emma'	4066
Born: May 1980	4480
First Name: 'Michael'	4127
Last Name: {'Hawkins', 'Snow'}	5315
Born: 1995-04-01	4110

With first_name index	
Query	Time (ms)
First Name: 'Emma'	508
Last Name: 'Smith'	4415
Born: 1995-04-01	4011
First Name: 'Julie' Last Name: 'Andrews'	514
Last Name: 'Andrews' Born: 1992-06-12	4274