

# Exercise 1 - SQL Fundamentals - Nuthando Mkhulu

1 Select \*

From employees\_db;

2 Select distinct department

From employees\_db;

3 Select \*

From employees\_db

Order by: salary desc;

4 Select \*

From employees\_db

Order by: salary Ascending

Limit 5;

5 Select \*

From employees\_db

Where department in ('IT');

6 Select \*

From employees\_db

Where department in ('Finance') AND salary

Where salary in ('> 58000') ;

7 Select \*

From employees\_db

Where department in ('HR') or ('Marketing'),

8 Select \*

From employees  
Where department NOT IN ('IT')

b. # Select \*

From employees - db

Where department IN (~~'IT'~~) (~~'IT'~~ ('IT') OR ('HR') OR  
'Finance'));

12. Select \*

From employees - db

Where department IN ('IT') AND

Where salary IN (> 50000) AND

Where city IN ('New York')

11. Select \*

From employees - db

Where department IN ('Finance', 'Marketing') AND

~~Where~~ Where salary IN (> 52000)

Order by : salary Descending

12. Select \*

From employees - db

Where department NOT IN ('IT', 'HR') AND

Where salary IN (> 50000)

Order by : hire date Ascending

13. Select \*

From employees - db

Where department NOT IN ('Finance') AND

Where salary IN (> 50000)

Order by : hire date Ascending

14 Select \*

From employees

Where city in ('Chicago', 'Los Angeles') or  
where department in ('IT', 'Marketing')

Limit 3 i