



Introduction to Data Analysis = SQL

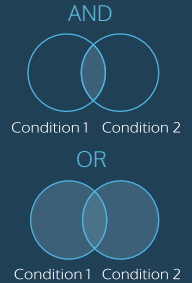
PRO Intensive Cheat Sheet

Queries

basic commands to retrieve information

```
1 SELECT column1, column2
2 FROM tabl
3 WHERE condition
4 ORDER column1
5 LIMIT 0;
```

- =, <, >, <=, >=
- LIKE 'Se_en'
- LIKE 'A%'
- Between 1990 and 2000
- Is, Null, is not Null



Aggregate Functions

join tables that have relationships with one another

- COUNT (column)
- SUM (column)
- MAX (column)
- MIN (column)
- AVG (column,)
- ROUND (column, n)

```
1 SELECT column1, COUNT(column2)
2 FROM tabl
3 WHERE condition
4 GROUP BY 1
5 HAVING condition
6 ORDER BY 2
7 LIMIT 0;
```

Multiple Tables

join tables that have relationships with one another

Primary key vs foreign key
