

SESSIONS 1

# WHERE Statements

Data Science Program

# WHERE

- The WHERE clause is used to filter records.
- The WHERE clause is used to extract only those records that fulfill a specified condition.

```
SELECT column1, column2, ...  
FROM table_name  
WHERE condition;
```

## WHERE

Select all column from City table where Population greater than 1 million.

```
SELECT * FROM City  
WHERE Population > 1000000;
```

ID	Name	CountryCode	District	Population
1	Kabul	AFG	Kabul	1780000
35	Alger	DZA	Alger	2168000
56	Luanda	AGO	Luanda	2022000
69	Buenos Aires	ARG	Distrito Federal	2982146
70	La Matanza	ARG	Buenos Aires	1266461

# WHERE

ID	Name	CountryCode	District	Population
1901	XiÅ'an	CHN	Shaanxi	2761400
1930	Xuzhou	CHN	Jiangsu	810000
1936	Xining	CHN	Qinghai	700200
1957	Xinxiang	CHN	Henan	473762
1962	Xiangtan	CHN	Hunan	441968
1970	Xiangfan	CHN	Hubei	410407
1990	Xianyang	CHN	Shaanxi	352125
2008	Xingtai	CHN	Hebei	302789
2015	Xintai	CHN	Shandong	281248
2046	Xiantao	CHN	Hubei	222884
2060	Xuchang	CHN	Henan	208815
2076	Xinyang	CHN	Henan	192509
2108	Xinyu	CHN	Jiangxi	173524
2112	Xiaogan	CHN	Hubei	166280
2118	Xiaoshan	CHN	Zhejiang	162930
2120	Xinghua	CHN	Jiangsu	161910
2153	Xianning	CHN	Hubei	136811
2158	Xichang	CHN	Sichuan	134419
2204	Xuangzhou	CHN	Anhui	112673
2227	Xingcheng	CHN	Liaoning	102384
2233	Xinzhou	CHN	Shanxi	98667
2247	Xilin Hot	CHN	Inner Mongolia	90646
2555	Xalapa	MEX	Veracruz	390058
2707	Xai-Xai	MOZ	Gaza	99442

Select all column from City table where City Name is started with 'X' character.

```
SELECT * FROM City
WHERE Name like 'X%';
```

## Reference

[https://www.w3schools.com/sql/sql\\_where.asp](https://www.w3schools.com/sql/sql_where.asp)