

SESSIONS 1

Sorting Result Sets

Data Science Program

ORDER BY

- The ORDER BY keyword is used to sort the result-set in ascending or descending order.
- The ORDER BY keyword sorts the records in ascending order by default. To sort the records in descending order, use the DESC keyword.

```
SELECT column1, column2, ...  
FROM table_name  
ORDER BY column1, column2, ... ASC/DESC;
```

ORDER BY

- Show all columns from City Tables and data will be ordered by city name column (ascending).

```
SELECT * FROM CITY  
ORDER BY Name;
```

ID	Name	CountryCode	District	Population
670	A Coruña (La Coruña)	ESP	Galicia	243402
3097	Aachen	DEU	Nordrhein-Westfalen	243825
3318	Aalborg	DNK	Nordjylland	161161
2760	Aba	NGA	Imo & Abia	298900
1404	Abadan	IRN	Khuzestan	206073

ORDER BY

- Show all columns from City Tables and data will be ordered by city name column (descending).

```
SELECT * FROM CITY  
ORDER BY Name DESC;
```

ID	Name	CountryCode	District	Population
698	[San Crist�bal de] la Laguna	ESP	Canary Islands	127945
3446	Zytomyr	UKR	Zytomyr	297000
28	Zwolle	NLD	Overijssel	105819
3145	Zwickau	DEU	Saksi	104146
2025	Zunyi	CHN	Guizhou	261862

Reference

- https://www.w3schools.com/sql/sql_orderby.asp