# SQL Intro Cohort

# Class 1 Review – Sep 7, 2023

## REVIEW

W3Schools Database: https://www.w3schools.com/sql/trysql.asp?filename=trysql_editor

To do more learning on your own, I suggest working through the exerices at
https://www.w3schools.com/sql/exercise.asp?filename=exercise_select1

### SQL SELECT BASIC

| Syntax | Example |
| --- | --- |
| SELECT * FROM <Table> | SELECT * FROM Customers |

- ○ Overview: https://www.w3schools.com/sql/sql_select.asp
- ○ Tutorial:  https://www.w3schools.com/sql/exercise.asp?filename=exercise_select1

### SQL WHERE

| Syntax | Example |
| --- | --- |
| SELECT * from <Table><br>WHERE <column> = 'Value' | SELECT * FROM Customers<br>WHERE Country = 'Mexico' |

- ○ Overview: https://www.w3schools.com/sql/sql_where.asp
- ○ Exercises: https://www.w3schools.com/sql/exercise.asp?filename=exercise_where1

### SQL LIKE

| Syntax | Example |
| --- | --- |
| SELECT * from <Table><br>WHERE <column> Like '%Value%' | SELECT * FROM Customers<br>WHERE CustomerName like '%Food%' |

- ○ Overview: https://www.w3schools.com/sql/sql_like.asp
- ○ Exercises: https://www.w3schools.com/sql/exercise.asp?filename=exercise_select1
- ○ More on SQL LIKE WIldCards
  - • Overview: https://www.w3schools.com/sql/sql_wildcards.asp
  - • Exercises: https://www.w3schools.com/sql/exercise.asp?filename=exercise_wildcards1

## SQL DiSTINCT

| Syntax | Example |
|---|---|
| SELECT  DISTINCT <column> from <Table> | SELECT Country FROM Customers |

- ○ Overview: https://www.w3schools.com/sql/sql_distinct.asp

## SQL COUNT(*)

| Syntax | Example |
|---|---|
| SELECT  COUNT(*) from <Table> | SELECT COUNT(*) FROM Customers |

- ○ Overview: https://www.w3schools.com/sql/sql_count_avg_sum.asp

# Quiz

Quiz - https://forms.gle/WSGSWbTbKG7fmrJU8

# Learning Today

### SQL GROUP BY
- ○ Overview: https://www.w3schools.com/sql/sql_groupby.asp
- ○ Exercises: https://www.w3schools.com/sql/exercise.asp?filename=exercise_wildcards1
- ○ Other Learning Reference: https://www.tutorialspoint.com/sql/sql-group-by.htm

### SQL JOIN
- ○ Overview: https://www.w3schools.com/sql/sql_join.asp
- ○ Exercises: https://www.w3schools.com/sql/exercise.asp?filename=exercise_join1