



Recap...

- **Relational Database**
- **Table**
- **Primary Key**
- **SQL**
- **SQL : Basic Form**

Guess Your Topic....



SQL!

Pulling Data
In Azureml



1. SQL Query

▶ Movies that were from the year 2016

```
Query 1: Names of all 2016 movies  
  
select movie_title  
from tl  
where title_year = 2016
```



In Azureml Platform....

- ▶ Dataset
- ▶ Delete Summarize
- ▶ Add or Apply SQL Transformation



Select....

- ▶ select * from t, * means everything
- ▶ It just selects the entire dataset
- ▶ Our query is
 - ▶ Select movie-title
 - ▶ From t1
 - ▶ Where title-year = 2016



Select Distinct.....

Query 2: 2016 movie names, distinct

```
Select distinct movie_title  
from tl  
where title_year = 2016
```



Select, Distinct, gross, imdb score...

Query 3: 2016 movies, more

```
Select distinct movie_title, gross, imdb_score  
from t1  
where title_year = 2016
```



Select, Distinct, gross, imdb score and gross>0

Query 4: Also gross > 0

```
Select distinct movie_title, gross, imdb_score  
from t1  
where title_year = 2016  
and gross > 0
```




SQL references....

SQL Reference

SQL is so widespread, that we're only touching the surface here to introduce it to you.

If you want more:

- Take another class to go deeper.
- Play around on your own, using web references like www.w3schools.com/sql



Time for Assessment...

- 1) Distinct will eradicate errors
(True / False)**
- 2) And is a conditional clause**



Summary...

1. Select
2. From
3. Where
4. Group
5. Distinct



Reference..

https://www.w3schools.com/sql/sql_create_db.asp

THANKS!