Learning SQL

# Lecture 1

* Create a Table with command!
  + Must use command.
    - CREATE TABLE TableName
    - Syntex
      * Contents are inside parentheses ().
      * First variable name then variable type.
      * Must sperate different variables with comma (,)
  + Done. Can do it.
* Insert data into the tables with command!
  + Must use command.
    - INSERT INTO TableName VALUES
    - Must fill all the variables with some values.
    - Values must meet the type as variables are defined.
    - Inputs must be inside a parenthesis ().
    - Variables must be separated by comma (,).
    - Can use multiple input at the same time.
      * Every input must be separated by a comma (,).
* Tables can be seen with right clicking on the table or with command.

# Lecture 2

* SELECT and FROM statements.
* SELECT \*
  + Will show us all the non-null value in the column and in the row.
* SELECT TOP (number)
  + Only selects up to that number.
* SELECT DISTINCT (variable)
  + Will select only the distinct variables.
* SELECT COUNT
  + Will the count of the variable which you want to see.
  + SELECT COUNT (LastName) will give you only the count of the last name variables.
  + Will not give a column name. To get that we need to use AS.
  + Like SELECT COUNT (LastName) As LastNameCount.
    - This will give you the output column with the name LastNameCount.
* SELECT MAX/MIN/AVG
  + Will give you the maximum/minimum/average value of the selected variables.
* FROM statement is used for the specify the database.
  + All SELECT statement must have a FROM statement for specifying the database.

# Lecture 3