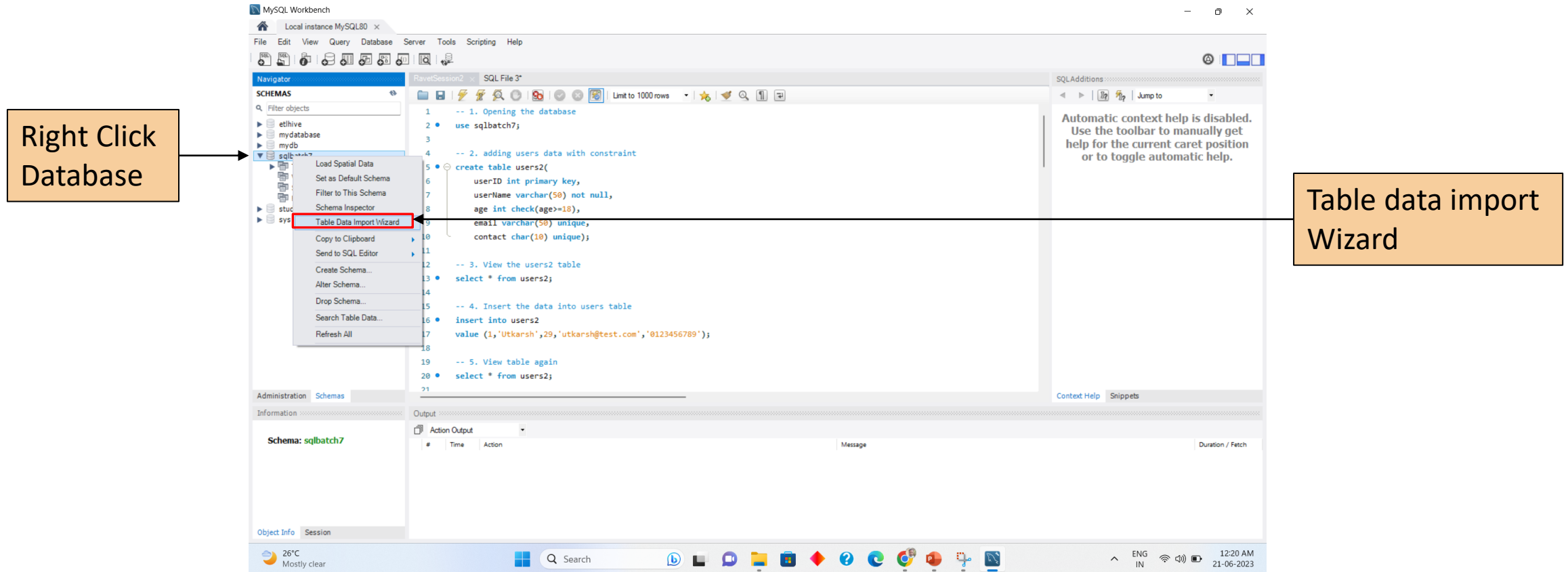


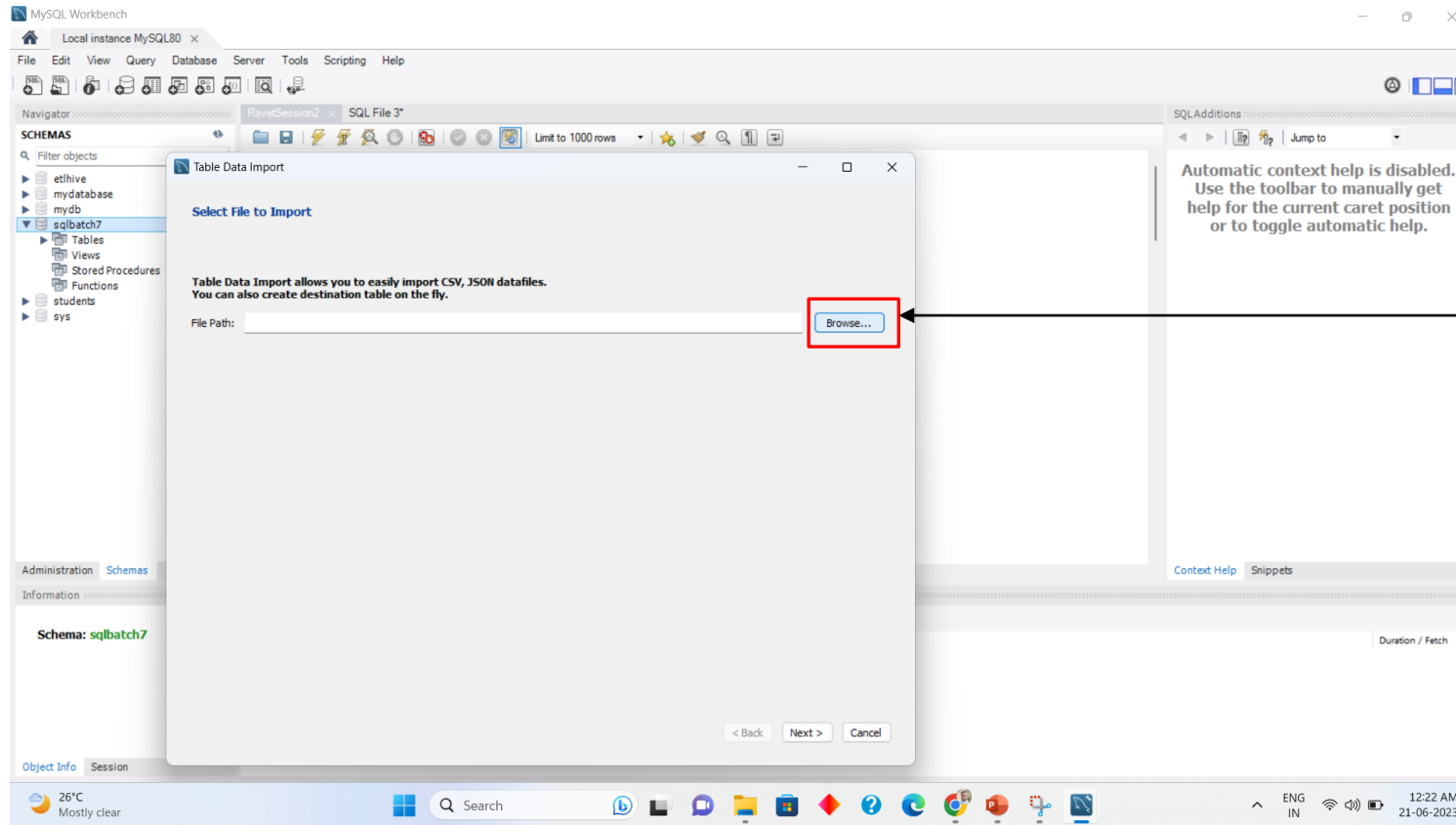
SQL Session 4

Select Queries Basics

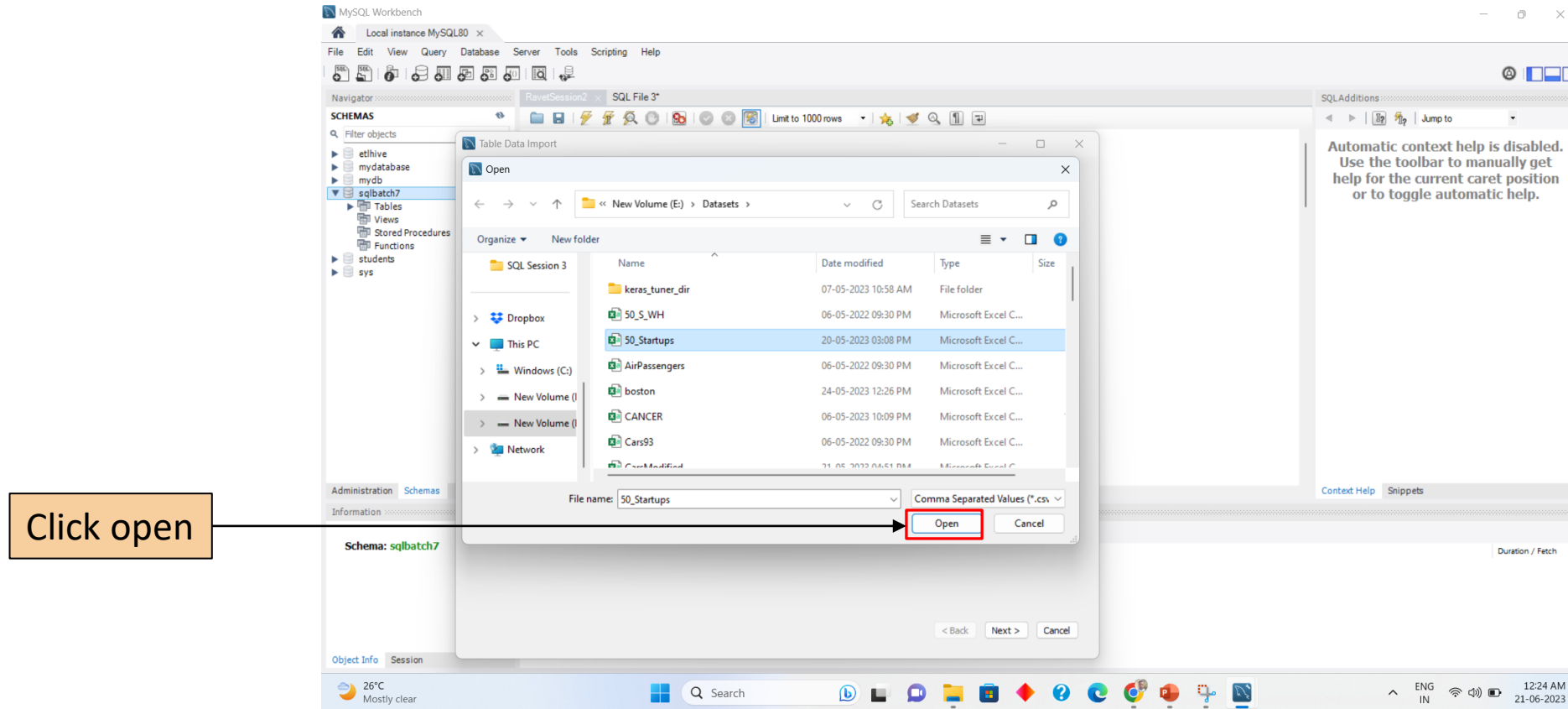
Using csv file as table in mySQL



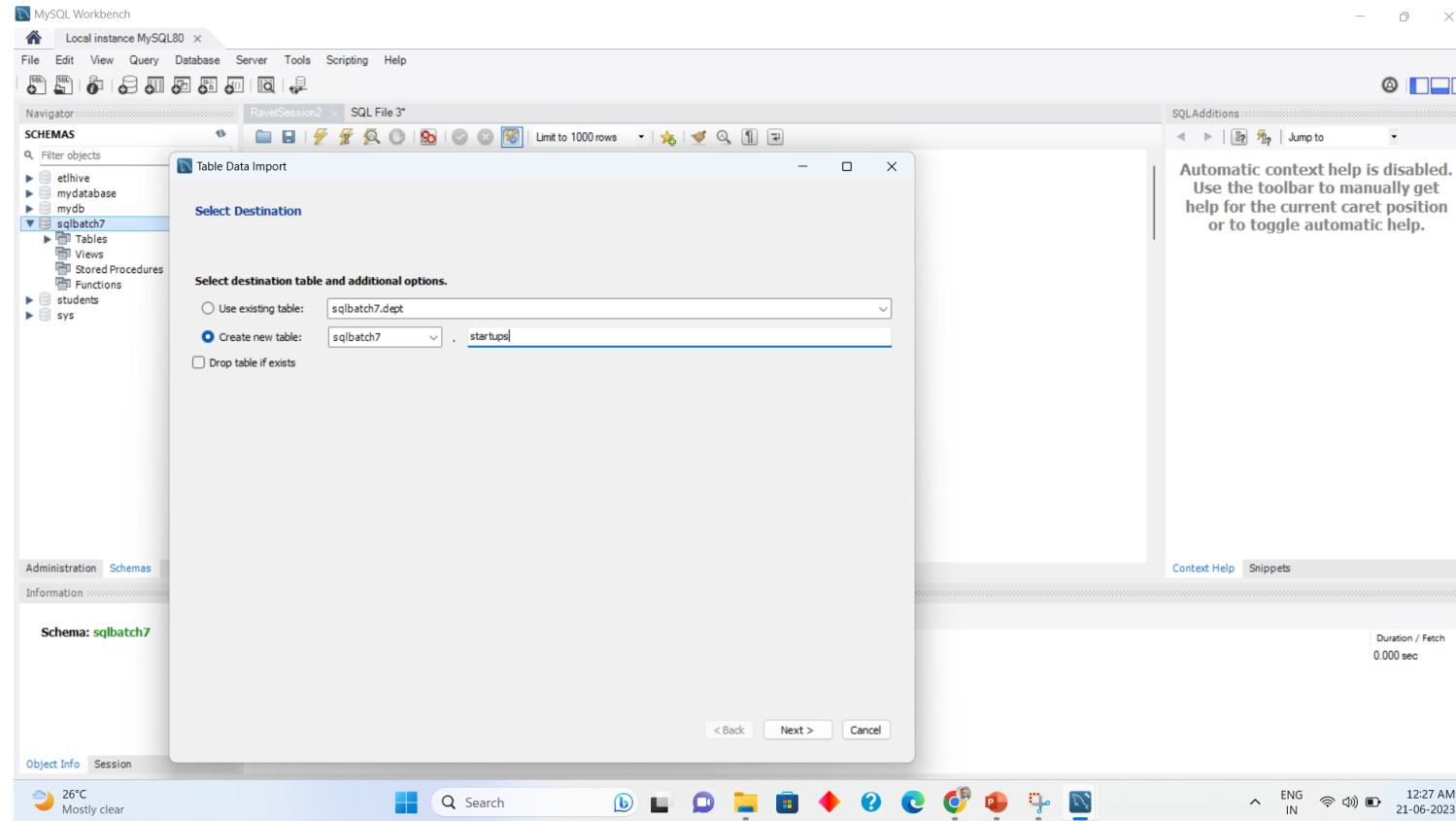
Importing CSV file continued 1



Importing CSV file continued 2



Importing CSV file continued 3



Click Next , next and execute

SELECT QUERY BASIC SYNTAX

- Showing entire table

```
SELECT * FROM Table_Name
```

- Selecting Specific columns from a table

```
SELECT column_1, column_2, column_3,... FROM Table_Name
```

Distinct Values (Unique Values)

```
SELECT DISTINCT column1, column2, ...  
FROM table_name;
```

SQL SELECT WHERE CLAUSE

➤ Where clause is used to filter the data

➤ **SELECT** *column1, column2, ...*
FROM *table_name*
WHERE *condition;*

Operator	Description
=	Equal
>	Greater than
<	Less than
>=	Greater than or equal
<=	Less than or equal
<>	Not equal. Note: In some versions of SQL this operator may be written as !=
BETWEEN	Between a certain range
LIKE	Search for a pattern
IN	To specify multiple possible values for a column

SQL AND , OR , NOT Explained

AND			OR			NOT	
A	B	$A \cup B$	A	B	$A \cup B$	A	\bar{A}
0	0	0	0	0	0	0	1
0	1	0	0	1	1	1	0
1	0	0	1	0	1		
1	1	1	1	1	1		

And is similar to Multiplication = $A.B$
Or is similar to addition = $A+B$

AND , OR , NOT Operations

➤ AND Syntax

```
SELECT column1, column2, ...  
FROM table_name  
WHERE condition1 AND condition2 AND condition3 ...;
```

➤ OR Syntax

```
SELECT column1, column2, ...  
FROM table_name  
WHERE condition1 OR condition2 OR condition3 ...;
```

➤ NOT Syntax

```
SELECT column1, column2, ...  
FROM table_name  
WHERE NOT condition;
```

Counting values in SQL

```
SELECT COUNT(column_name)  
FROM table_name  
WHERE condition;
```

SUM of values

```
SELECT SUM(column_name)  
FROM table_name  
WHERE condition;
```

Average of Values

```
SELECT AVG(column_name)  
FROM table_name  
WHERE condition;
```

Thank You

FOR ANY QUERIES PING ME ON SKYPE GROUP