

- Hi and welcome back. Let's say I want to insert the following records in the UserDetails table -

Name	Designation	Salary	
Parul	Data Scientist	10	
Shreya	Marketing Head	40	
Jatin	Data Engineer		

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- We have 3 records here. Parul who is a data scientist and has salary 10. Shreya who is a marketing head and has salary 40. And finally, Jatin who is a Data Engineer and we have no value for the salary column for this record.
- Let me first use the JobPortal database
- And here I have the UserDetails table
- Let's insert the first record-
 - Insert into UserDetails values ("Parul", "Data Scientist", 10);
- Query ok 1 row affected here means that the record has been inserted successfully.
- We can see the records in the table using the SELECT command.
- Now let's insert the second record. This time we will provide the names of the columns where we want to insert the values -
 - Insert into UserDetails(Name, Designation, Salary) values ("Shreya", "Marketing Head", 40);
- Again we can check the records in the table using the SELECT command.
- Now, let's insert the final record. Here I will show you how to insert records with values for only a limited set of columns. This record has values only for the name and designation columns. It doesn't have values for the salary column. To do that, all we have to do is only provide the names of the columns where we want to insert the values. So, to do this, we use the command -
 - Insert into UserDetails(Name, Designation) values ("Jatin", "Data Engineer")
- Now when we check the table, you will see that this 3rd record only has values for 2 columns. The 3rd column, that is salary column, show NULL. And this NULL is a special value in sql that represents an empty. We will see about that in an upcoming video.
- So these are the different ways in which you can insert values in a table using sql. I hope you enjoyed it and I'll see you in the next video. Thank You!