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Course: CS-434

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#### Project 4 README

For project 4, I have generated fake data for each table in Microsoft excel because I did not able to find data I need for my database. Although, they are fake data, they completely look real. I have pulled out data from different sources and put them together in csv files. I have created total 9 csv files one for each 9 tables. All tables follow primary and foreign keys constraints. I have inserted all data into tables using following query:

```
LOAD DATA LOCAL INFILE 'filename'  
  
    INTO TABLE 'tablename'  
  
    FIELDS TERMINATED by ','  
  
    LINES TERMINATED BY '\n';
```

I basically repeated this command nine times for nine tables from the command line. The data was inserted without any errors. I also inserted enough data so it fulfills all requirements listed in project 4 description.

Here is the image from phpMyAdmin which shows how many rows were inserted in each table:

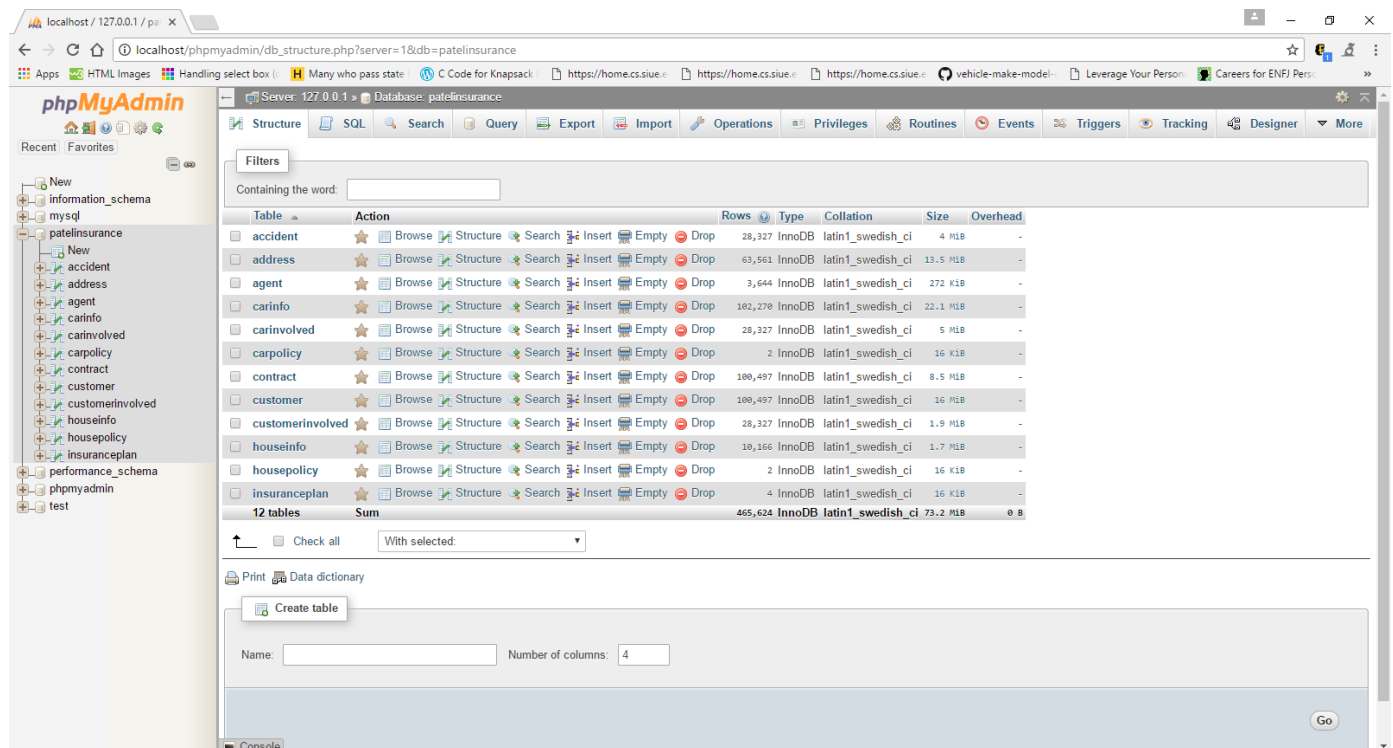


Table	Action	Rows	Type	Collation	Size	Overhead
accident	Browse Structure Search Insert Empty Drop	28,327	InnoDB	latin1_swedish_ci	4 MiB	-
address	Browse Structure Search Insert Empty Drop	63,561	InnoDB	latin1_swedish_ci	13.5 MiB	-
agent	Browse Structure Search Insert Empty Drop	3,644	InnoDB	latin1_swedish_ci	272 KiB	-
carinfo	Browse Structure Search Insert Empty Drop	182,278	InnoDB	latin1_swedish_ci	22.1 MiB	-
carinvolved	Browse Structure Search Insert Empty Drop	28,327	InnoDB	latin1_swedish_ci	5 MiB	-
carpolicy	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
contract	Browse Structure Search Insert Empty Drop	188,497	InnoDB	latin1_swedish_ci	8.5 MiB	-
customer	Browse Structure Search Insert Empty Drop	188,497	InnoDB	latin1_swedish_ci	16 MiB	-
customerinvolved	Browse Structure Search Insert Empty Drop	28,327	InnoDB	latin1_swedish_ci	1.9 MiB	-
houseinfo	Browse Structure Search Insert Empty Drop	18,166	InnoDB	latin1_swedish_ci	1.7 MiB	-
housepolicy	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KiB	-
insuranceplan	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16 KiB	-
<b>12 tables</b>	<b>Sum</b>	<b>465,624</b>	<b>InnoDB</b>	<b>latin1_swedish_ci</b>	<b>73.2 MiB</b>	<b>0 B</b>

There are total 465,624 tuples in the database. You can see I only have 4 tuples for insurance plan, 2 for housepolicy and, 2 for carpolicy. It is because insurance company is providing total 4 different insurance plans 2 for car and 2 for house. All other 9 tables have more than 1000 tuples in them. I am not listing numbers of tuple in each table here but you can find out from picture above, check out “Rows” column.

Also, I have attached CS434\_VaibhavPatel\_P4\_proof.pdf file, which contains pictures of 12 tables from phpMyAdmin which show that how many rows are in the tables and some tuples. I have exported SQL script from phpMyAdmin but it is very big file with 470,000 insert statements in it. I did not attach any script because I inserted data interactively using command line and query stated above. If you would like to see the SQL script I can show you in person.