Exercise

Database: insurance

Queries

1. Count for each categories of ‘region

2. Find 50 records of highest ‘age’ and export data/table to desktop

3. Add index name *‘quick’* on ‘id’

4. Describe the schema of table

5. Create view name as ‘gender’ where users can not see ‘sex’ [Hint: first run appropriate query then create view]

6. Rename the view as ‘type’

7. Count how many are ‘northwest’ insurance holders

8. Count how many insurance holders were ‘femail’

9. Create Primary key on a suitable column

10. Create a new column ‘ratio’ which is age multiply by bmi

11. Arrange the table from high to low according to charges

12. Find MAX of ‘charges’

13. Find MIN of ‘charges’

14. Find average of ‘charges’ of male and female

15. Write a Query to rename column name sex to Gender

16. Add new column as HL\_Charges where more than average charges should be categorized as HIGH and less than average charges should be categorized as LOW

17. Change location/position of ‘smoker’ and bring before ‘children’

18. Show top 20 records

19. Show bottom 20 records

20. Randomly select 20% of records and export to desktop

21. Remove column ‘ratio’

22. Craete one example of Sub Queries involving ‘bmi’ and ‘sex’ and give explanation in the script itself with remarks by using #

23. Create a view called Female\_HL\_Charges that shows only those data where HL\_Charges is High, Female, Smokers and with 0 children

24. Update children column if there is 0 children then make it as Zero Children, if 1 then one\_children, if 2 then two\_children, if 3 then three\_children, if 4 then four\_children if 5 then five\_children else print it as More\_than\_five\_children.

25. Mail the script to [jeevan.raj@imarticus.com](mailto:jeevan.raj@imarticus.com) by EOD.

------------------------------------Happy Learning---------------------------------------------