**ASSIGNMENT – 02**

**Data: tutorial.sat\_scores**

1. Find the minimum marks in sat\_verbal in the dataset.
2. **SELECT MIN(sat\_verbal) FROM tutorial.sat\_scores;**
3. Find the maximum marks in sat\_writing in the dataset.
4. **SELECT MIN(sat\_verbal) FROM tutorial.sat\_scores;**
5. Find the count of students in the dataset.
6. **SELECT COUNT(student\_id) FROM tutorial.sat\_scores;**
7. Find the average marks in sat\_math in the dataset.
8. **SELECT AVG(sat\_math) FROM tutorial.sat\_scores;**
9. Find the sum of hrs\_studied in the dataset.
10. **SELECT SUM(hrs\_studied) FROM tutorial.sat\_scores;**
11. Find the list of unique school in the data using Group by clause.
12. **SELECT school FROM tutorial.sat\_scores GROUP BY 1;**
13. Find the list of unique school and teachers in the data using Group by clause.
14. **SELECT school, teacher FROM tutorial.sat\_scores GROUP BY 1,2;**
15. Find the total number of hours studied per school.
16. **SELECT school, SUM(hrs\_studied) AS total\_hours\_studied FROM tutorial.sat\_scores GROUP BY 1;**
17. Find the number of students in each school.
18. **SELECT school, COUNT(student\_id) as no\_of\_students FROM tutorial.sat\_scores GROUP BY 1;**
19. Find the average marks scored in sat\_writing per teacher for the school 'Petersville HS’.
20. **SELECT teacher, AVG(sat\_writing)FROM tutorial.sat\_scores where school = 'Petersville HS' GROUP BY 1;**
21. Find the maximum marks scored in sat\_math per teacher for the school ‘Washington HS’.
22. **SELECT teacher, AVG(sat\_math) FROM tutorial.sat\_scores where school = 'Washington HS' GROUP BY 1;**
23. Find the list of unique school and teachers in the data using Group by clause and sort it by ascending order for school and descending order for teacher name.
24. **SELECT school, teacher FROM tutorial.sat\_scores GROUP BY 1,2 ORDER BY 1, 2 DESC;**
25. Find the list of all the teachers along with the minimum marks scored by their students in sat\_verbal. Only consider those teachers where minimum marks is more than 220. Sort the output in ascending order.
26. **SELECT teacher, MIN(sat\_verbal) AS SAT\_VERBAL FROM tutorial.sat\_scores GROUP BY 1 HAVING MIN(sat\_verbal)>220;**
27. Find the first 5 rows of the data.
28. **SELECT \* FROM tutorial.sat\_scores LIMIT 5;**