**Listing new functions used (Functions not given in SQL assignment)**

1. EXTRACT
2. CASE
3. RANDOM
4. CONCAT
5. Correlation
6. data type casting
7. WIDTH\_BUCKET
8. repeat - bar chart
9. pg\_database\_size
10. lcm() and gcf()
11. pg\_size\_pretty() and pg\_relation\_size('labs')
12. reverse
13. FORMAT()
14. CROSSTAB
15. FIRST\_VALUE
16. NTH\_VALUE
17. LIMIT
18. NTILE
19. CUME\_DIST
20. Window Functions

* OVER()
* PARTITION BY
* ORDER BY
* RANK()
* ROW\_NUMBER()

1. Common Table Expression
2. PERCENTILE\_CONT
3. STDDEV\_SAMP
4. RECURSIVE
5. UNION ALL