**Manufacturing Analytics SQL Queries**

1. SELECT \* FROM PRODDATA;
2. SELECT sum(manufactured\_qty) as Manufactured\_Quantity from PRODDATA;
3. SELECT sum(rejected\_qty) as Rejected\_Quantity from PRODDATA;
4. select sum(manufactured\_qty - rejected\_qty) as Processed\_Quantity from PRODDATA;
5. SELECT sum(produced\_qty - processed\_qty) as Wastage\_Quantity FROM PRODDATA;
6. SELECT emp\_name, sum(rejected\_qty) as Employee\_Wise\_Rejection\_Quantity FROM PRODDATA group by emp\_name order by sum(rejected\_qty) desc;
7. SELECT machine\_name, sum(rejected\_qty) as Machine\_Wise\_Rejection\_Quantity FROM PRODDATA group BY machine\_name order BY sum(rejected\_qty) DESC;
8. SELECT substr(wo\_date,4,2) as Month, sum(produced\_qty) as Production FROM PRODDATA GROUP by substr(wo\_date,4,2) ORDER by substr(wo\_date,4,2) ASC;
9. SELECT sum(manufactured\_qty) as Total\_Manufactured,sum(rejected\_qty) as Total\_Rejected from PRODDATA;
10. SELECT department\_name, sum(manufactured\_qty), sum(rejected\_qty) from PRODDATA group by department\_name;