Assignment

Feb19/ DBT/ 009

Database Technologies

Diploma in Advance Computing

February 2019

**Aggregate Functions.**

USE *n2employee, n2department, n2employee\_department, n2salary, n2commission, n2contact, n2address, n2qualification, n2hobbies, n2order, and n2jobhistory*relation to solve the following queries.

|  |
| --- |
| 1. Count total number of employees. |
| select count(\*) from n2employee; |
|  |
| 1. Count total number of female employees. |
| select count(\*) from n2employee where gender = 'F'; |
|  |
| 1. Count total number of female employees whose firstname starts with the letter ‘F’. |
| select count(\*) from n2employee where gender = 'F' and firstname like 'B%'; |
|  |
| 1. Count total number employee who were hired in the year 1962. |
| select count(\*) from n2employee where date\_format(hiredate, '%Y') = 1962; |
|  |
| 1. Count how many phonenumber an employeeid 3 is having. |
| select count(\*) from n2contact where employeeid=3; |
|  |
| 1. Count number of hobbies every employee is having. |
| select count(\*) from n2hobbies group by employeeid; |
|  |
| 1. Count total number of unique hobbies. |
| select count(distinct name) from n2hobbies; |
|  |
| 1. Count how many employees has done ‘BE’. |
| select count(\*) from n2qualification where name = 'BE'; |
|  |
| 1. Stream wise count of employees who have taken admission in ‘BE’. |
| select stream, count(\*) from n2qualification where name = 'BE' group by stream; |
|  |
| 1. Stream wise count of employees who have taken admission in ‘BE’ and have secured ‘A’ grade. |
| select stream, count(\*) from n2qualification where name='BE' and grade='A' group by stream; |
|  |
| 1. Count unique cities from n2address relation. |
| select count(distinctrow city) from n2address; |
|  |
| 1. Count how many employee are staying in ‘Pune’ city. |
| select count(\*) from n2address where city = 'pune'; |
|  |
| 1. Count the number of employee who have more than 60% in ‘BE’. |
| select count(\*) from n2qualification where percentage > 60 and name = 'BE'; |
|  |
| 1. Stream wise count of employee who have more than 60% in ‘BE’. |
| select stream, count(\*) from n2qualification where percentage > 60 and name = 'BE' group by stream; |
|  |
| 1. Count how many employees are from ‘PUNE’ city. (*use n2address relation*) |
| select count(\*) from n2address where city = 'PUNE'; |
|  |