**Employee Data Analysis**

#(1) Write a query to create an employee table with the fields employee id, first name, last name, job id, salary, manager id, and department id. -- create database, then use it, followed by creating the table adding in the columns with int or char/vhar functions

Create database employee\_data;

Use employee\_data;

Create table employee(

employee\_id int,

first\_name char(12),

last\_name char(12),

job\_id varchar(10),

salary int,

manager\_id int,

department\_id int

);

#(2) Write a query to insert values into the employee table ---start with insert into table name (followed by column name) values and then list them all from the spreadsheet

Insert into employee(employee\_id, first\_name, last\_name, job\_id, salary, manager\_id, department\_id)

values

(101, 'ankit', 'jain', 'HP124', 200000, 2, 24),

(102, 'sarvesh', 'patel', 'HP123', 150000, 2, 24),

(103, 'krishna', 'gee', 'HP125', 500000, 5, 44),

(104, 'rana', 'gee', 'HP122', 250000, 3, 54),

(105, 'soniya', 'jain', 'HP121', 400000, 1, 22),

(106, 'nithin', 'kumar', 'HP120', 300000, 4, 34),

(107, 'karan', 'patel', 'HP126', 300001, 2, 34),

(108, 'shilpa', 'jain', 'HP127', 300001, 5, 24),

(109, 'mukesh', 'singh', 'HP128', 300001, 4, 44);

#(3) Write a query to find the first name and salary of the employee whose salary is higher than the employee with the last name Kumar from the employee table -- start with the mentioned column names, from table name then where clause limited 1 result

Select first\_name, salary

From employee

Where salary > (Select salary From employee where last\_name = 'kumar' Limit 1);

#(4) Write a query to display the employee id and last name of the employee whose salary is greater than the average salary from the employee table start with the mentioned column names, from table name then where clause

Select employee\_id, last\_name

from employee

where salary > ( select avg(salary) from employee);

#(5) Write a query to display the employee id, first name, and salary of the employees who earn a salary that is higher than the salary of all the shipping clerks (JOB\_ID = HP122). Sort the results of the salary in ascending order. start with the mentioned column names, from table name then where clause followed by the order by asc command

select employee\_id, first\_name, salary

from employee

where salary > all (select salary from employee where job\_id = 'JOB\_ID = HP122')

Order by salary ASC;

#(6) Write a query to display the first name, employee id, and salary of the first three employees with highest salaries -- start with the mentioned column names, from table name then order by desc command limit 3 results

Select first\_name, employee\_id, salary

from employee

order by salary DESC

limit 3;