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19F-0348

Lab#05 (Tasks)

1. SELECT v\_code, AVG(p\_onhand) AS avg from p group by v\_code having v\_code=21344;

Graphical user interface, table

Description automatically generated

1. SELECT v\_code, MIN(p\_price) AS min from p group by v\_code having v\_code is NULL;

Graphical user interface, application, Word

Description automatically generated

1. SELECT MAX(p\_price) AS max from p group by v\_code having v\_code>0;

Table

Description automatically generated

1. SELECT AVG(p\_price) AS avg from p where p\_discount=0;

Graphical user interface, application

Description automatically generated

1. 1st query will display number of records in table p which are 16

2nd query will display number of v\_code in table p that are not null which are 14

Graphical user interface

Description automatically generated

Graphical user interface, application, table

Description automatically generated

1. The result of both queries are different, as in 1st query, it shows number of records in table p, whereas in 2nd query, it shows number of v\_discounts in table p that are not NULL.
2. Products that have discount 0 are **8** & the products that have discount 0.05 are **6**.

SELECT \* FROM p WHERE p\_discount=0;

Table

Description automatically generated

SELECT \* FROM p WHERE p\_discount=0.05;

Table

Description automatically generated

1. SELECT COUNT(ename) AS Number\_Employees,deptno FROM emp GROUP BY deptno;

Table

Description automatically generated

1. SELECT JOB, avg(SAL) AS Avg\_Sal From emp GROUP BY JOB;

Table

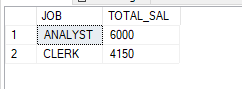
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1. SELECT DEPTNO, MIN(SAL) AS Min\_SAL, MAX(SAL) AS Max\_SAL FROM emp GROUP BY DEPTNO;

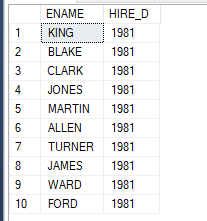
Table

Description automatically generated

1. SELECT JOB, SUM(SAL) AS TOTAL\_SAL FROM emp GROUP BY JOB HAVING job = 'ANALYST' or job = 'CLERK';



1. SELECT ENAME, YEAR(HIREDATE) AS HIRE\_D FROM emp WHERE YEAR(HIREDATE)=1981;



1. SELECT ENAME, YEAR(HIREDATE) AS HIRE\_D FROM emp WHERE YEAR(HIREDATE)!=1981;

Table

Description automatically generated

1. SELECT ENAME, YEAR(HIREDATE) AS HIRE\_D FROM emp WHERE YEAR(HIREDATE)>1981

Table

Description automatically generated

1. SELECT ENAME, MONTH(HIREDATE) AS HIRE\_Dec FROM emp WHERE MONTH(HIREDATE)=12;

Table

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1. SELECT COUNT(HIREDATE) AS HIRE\_D FROM emp WHERE YEAR(HIREDATE)=1981;

Diagram

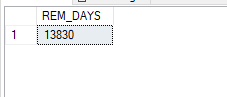
Description automatically generated

1. SELECT ENAME, MONTH(HIREDATE) AS HIRE\_FIRST\_4Mon FROM emp WHERE MONTH(HIREDATE)<=4;

Table

Description automatically generated

1. SELECT DATEDIFF(DAY, '1983/12/31', GETDATE()) AS REM\_DAYS;



1. SELECT COUNT(HIREDATE) FROM emp WHERE DAY(HIREDATE)=25;

A picture containing table

Description automatically generated

1. SELECT ENAME, HIREDATE, DATEADD(YEAR, 5, HIREDATE) AS D\_ADDED FROM emp;

Table

Description automatically generated