**Big Data Tools for Managers**

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Below is the employee dataset; this exercise makes you familiar with creating table with various data types in MySQL.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Emp\_Code | EmpFName | EmpLName | Job | HireDate | Salary |
| 1001 | TONY | STARK | SOFTWARE ENGINEER | 2019-12-17 | 55000 |
| 1002 | KIM | JARVIS | MANAGER | 2020-01-15 | 85000 |
| 1003 | PAUL | TIMOTHY | PRESIDENT | 2020-02-01 | 150000 |
| 1004 | ROSE | SUMMERS | ANALYST | 2021-02-28 | 35000 |
| 1005 | MADII | HIMBURY | ANALYST | 2021-04-15 | 32000 |
| 1006 | BELLA | SWAN | TECHNICAL LEAD | 2021-04-20 | 70000 |
| 1007 | JENNIFER | HUETTE | ANALYST | 2021-05-01 | 28000 |
| 1008 | ALFRED | HILL | SALESMAN | 2021-05-15 | 45000 |
| 1009 | KIM | JARVIS | MANAGER | 2022-01-15 | 60000 |
| 1010 | JOHN | ASGHAR | SOFTWARE ENGINEER | 2022-02-25 | 52000 |

Write SQL statement for following:

1. Create Table with appropriate column names and data type
2. Insert the records by looking column & it’s date type
3. Select Employee First name and display the results
4. Select Employee First name & Job position and display the results
5. Display Unique Job position and display the result
6. Display Unique value of employee first name and display the result
7. Display Unique value of employee first name & Job position and display the result.
8. Create Table with appropriate column names and data type

**CREATE TABLE employee (**

**Emp\_Code SMALLINT,**

**EmpFName VARCHAR(15),**

**EmpLName VARCHAR(15),**

**Job VARCHAR(45),**

**HireDate DATE,**

**Salary INT**

**);**

1. Insert the records by looking column & it’s date type

**INSERT INTO employee VALUES ('1001', 'TONY', 'STARK', 'SOFTWARE ENGINEER', '2019-12-17', 55000);**

**INSERT INTO employee VALUES ('1002', 'KIM', 'JARVIS', 'MANAGER', '2020-01-15', 85000);**

**INSERT INTO employee VALUES ('1003', 'PAUL', 'TIMOTHY', 'PRESIDENT', '2020-02-01', 150000);**

**INSERT INTO employee VALUES ('1004', 'ROSE', 'SUMMERS', 'ANALYST', '2021-02-28', 35000);**

**INSERT INTO employee VALUES ('1005', 'MADII', 'HIMBURY', 'ANALYST', '2021-04-15', 32000);**

**INSERT INTO employee VALUES ('1006', 'BELLA', 'SWAN', 'TECHNICAL LEAD', '2021-04-20', 70000);**

**INSERT INTO employee VALUES ('1007', 'JENNIFER', 'HUETTE', 'ANALYST', '2021-05-01', 28000);**

**INSERT INTO employee VALUES ('1008', 'ALFRED', 'HILL', 'SALESMAN', '2021-05-15', 45000);**

**INSERT INTO employee VALUES ('1009', 'KIM', 'JARVIS', 'MANAGER', '2022-01-15', 60000);**

**INSERT INTO employee VALUES ('1010', 'JOHN', 'ASGHAR', 'SOFTWARE ENGINEER', '2022-02-25', 52000);**

1. Select Employee First name and display the results

**SELECT EmpFName FROM employee;**

1. Select Employee First name & Job position and display the results

**SELECT EmpFName, Job FROM employee;**

1. Display Unique Job position and display the result

**SELECT DISTINCT Job FROM employee;**

1. Display Unique value of employee first name and display the result

**SELECT DISTINCT EmpFName FROM employee;**

1. Display Unique value of employee first name & Job position and display the result.

**SELECT DISTINCT EmpFName, Job FROM employee**