Nikhil Analytics
Performance Driven By Values

Sql Project

1.Create a database NIKHIL ANALYTICS

2.Create STUDENT_INFO table with following columns

a) **STUDENT_ID : should accept maximum of 10 characters , should not accept null values & we must be able to identify each records uniquely using STUDENT_ID, student id must be automatically generated in the format STD_YEAR_SEQUENCENO ex: std_2018_01**
b) **NAME : should accept maximum of 20 characters , should not accept null values**
c) **ADDRESS: should accept maximum of 90 characters , should not accept null values**
d) **PHONE_NO : should accept exactly 10 numbers & each digit should be between 0-9, should not accept null values**
e) **EMAIL_ID : should accept maximum of 30 characters & should contain @ , should not accept null values**
f) **QUALIFICATION1: should accept maximum of 50 characters**
g) **QUALIFICATION2: should accept maximum of 50 characters**
h) **EXPERIENCE : should accept years ex: 2.5**
i) **COMPANY NAME : should accept maximum of 50 characters**
j) **COURSE_OPTED1 : should accept maximum of 50 characters, should not accept null values & should only accept following courses:**
   REPORTING ANALYSIS POWER PACK
   BUSINESS ANALYTICS POWER PACK
   DATA ANALYTICS POWER PACK
   DATA SCIENCE MODELLING & MACHINE LEARNING
k) **COURSE_OPTED2: should accept maximum of 50 characters & only given courses**
l) **COURSE_OPTED3: should accept maximum of 50 characters & only given courses**
m) **ADMISSION_DATE : should accept date value & should not accept null values**
n) **EXPECTED END DATE : should accept date value & automatically update using following data.**
   REPORTING ANALYSIS POWER PACK – 3 MONTHS FROM ADMISSION DATE
   BUSINESS ANALYTICS POWER PACK – 6 MONTHS FROM ADMISSION DATE
   DATA ANALYTICS POWER PACK – 7 MONTHS FROM ADMISSION DATE
   DATA SCIENCE MODELLING & MACHINE LEARNING – 8 MONTHS FROM ADMISSION DATE

2.Create R_marks_info table with following columns

a) **Student_ID : should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table**
b) **Class_start_Date : should accept date value**
c) **Class_End_Date : should accept date value**
o) **Faculty : should accept maximum of 50 characters , should not accept null values**
d) **Test_1 :**
e) **Test_2 :**
f) **Test_3 :**

g) **Retest1 :**
h) **Retest2 :**
i) **Retest3 :**

3.Create SAS_marks_info table with following columns

a) **Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table**
b) **Class_start_Date**
c) **Class_End_Date**
d) **Faculty**
e) **MT-1**
f) **MT-2**
g) **Data_step_test**
h) **MT-3**
i) **Proc_Test**
j) **Base SAS Test**
k) **Retest1**
l) **Retest2**
m) **Retest3**

4. Create SQL_marks_info table with following columns

a) **Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table**
b) **Class_start_Date**
c) **Class_End_Date**
d) **Faculty**
e) **SQL_test1**
f) **SQL_test2**
g) **Retest1**
h) **Retest2**

5. Create EXCEL_marks_info table with following columns

a) **Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table**
b) **Class_start_Date**
c) **Class_End_Date**
d) **Faculty**
e) **Basic_excel_test**
f) **MT1**
g) **Excel_test1**
h) **Retest**

6. Create VBA_marks_info table with following columns

a) **Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table**
b) **Class_start_Date**

c) Class_End_Date
d) Faculty
e) Function_excel_Test
f) Function_vba_test
g) Final_test
h) Retest1

7. Create TABLEAU_marks_info table with following columns

a) Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table
b) Class_start_Date
c) Class_End_Date
d) Faculty
e) MT1
f) Test1
g) Retest1

8. Create PYTHON_marks_info table with following columns

a) Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table
b) Class_start_Date
c) Class_End_Date
d) Faculty
e) Test1
f) Test2
g) Retest1
h) Retest2

8. Create ML_marks_info table with following columns

a) Student_ID : should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table
b) Class_start_Date
c) Class_End_Date
d) Faculty
e) Test1
f) Test2
g) Retest

9. Create ASAS_marks_info table with following columns

a) Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table
b) Class_start_Date
c) Class_End_Date

d) Faculty
e) MT1
f) MT2
g) Final_test
h) Retest

10.Create FULL_LENGTH_marks_info table with following columns

a) Student_ID: should accept maximum of 10 characters, should not accept null values & should create a reference to student_info table
b) Class_start_Date
c) Class_End_Date
d) Faculty
e) R_test
f) SAS_test
g) SQL_test
h) Excel_test
i) VBA_test
j) Python_test
k) Tableau_test

11.Create Placement_Activity table with following columns

a) Column Name
b) Student_ID: should accept maximum of 10 characters, should not accept null values &should create a reference to student_info table
c) Mock_interview1: should accept maximum of 50 characters
d) Mock_interview2: should accept maximum of 50 characters
e) Mock_interview3: should accept maximum of 50 characters
f) Resume Finalised: should accept maximum of 50 characters
g) Profile_Building: should accept maximum of 50 characters
h) Certificate_Issued: should accept only YES/NO
i) Actual_course_enddate