--данные для students

DECLARE @DOBstart DATE = '1980-01-01' --- диапазон для даты рождения!

DECLARE @DOBend DATE = '2000-01-01'

DECLARE @coursestart1 DATE = '2022-03-01' --- диапазон для старта курсов!

DECLARE @coursestart2 DATE = '2022-04-01'

DECLARE @courseend1 DATE = '2022-06-01' --- диапазон для окончания курсов!

DECLARE @courseend2 DATE = '2022-07-01'

INSERT INTO [dbo].[dim\_students] (name, lastname, dob, phone\_number, start\_date, end\_date)

SELECT TOP 100000

c1.first\_name,

c2.last\_name,

DATEADD(DAY,ABS(CHECKSUM(NEWID())) % DATEDIFF(DAY,@DOBstart,@DOBend) ,@DOBstart) as dob,

RIGHT('1234567890'+cast(cast(9999999999\*rand(checksum(newid())) as bigint) as varchar(10)),10) as phone\_number,

DATEADD(DAY,ABS(CHECKSUM(NEWID())) % DATEDIFF(DAY,@coursestart1,@coursestart2) ,@coursestart1) as start\_date,

DATEADD(DAY,ABS(CHECKSUM(NEWID())) % DATEDIFF(DAY,@courseend1,@courseend2) ,@courseend1) as end\_date

FROM dbo.LastFirstName c1

CROSS JOIN

dbo.LastFirstName c2

--данные для teachers

DECLARE @DOBstart2 DATE = '1970-01-01' --- диапазон для даты рождения!

DECLARE @DOBend2 DATE = '1995-01-01'

INSERT INTO [dbo].[dim\_teachers] (name, lastname, dob, speciality)

SELECT TOP 1000

c1.first\_name,

c2.last\_name,

DATEADD(DAY,ABS(CHECKSUM(NEWID())) % DATEDIFF(DAY,@DOBstart2,@DOBend2) ,@DOBstart2) as dob,

c1.job

FROM [dbo].[Teachers] c1

CROSS JOIN

dbo.Teachers c2

-- данные для lessons

INSERT INTO [dbo].[dim\_lessons] (name, course\_name, description)

SELECT TOP 1000

name,

course\_name,

description

FROM [dbo].[Lessons]

-- данные для attendance\_and\_mark

DECLARE @lessonstart DATE = '2022-04-02' --- диапазон для занятий!

DECLARE @lessonend DATE = '2022-05-31'

INSERT INTO [dbo].[fct\_attendance\_and\_mark] (student\_id, attendance, date, lesson\_id, mark)

SELECT TOP 1000000

ABS(CHECKSUM(NEWID()))%100000 + 1 as student\_id,

ABS(CHECKSUM(NEWID()))%2 + 0 + 0 as attendance,

DATEADD(DAY,ABS(CHECKSUM(NEWID())) % DATEDIFF(DAY,@lessonstart,@lessonend) ,@lessonstart) as date,

ABS(CHECKSUM(NEWID()))%1000 + 1 as lesson\_id,

ABS(CHECKSUM(NEWID()))%10 + 1 as mark

FROM [dbo].[dim\_students] c1

CROSS JOIN

[dbo].[dim\_students] c2

-- данные для timetable

DECLARE @tsdate DATE = '2022-04-02' --- диапазон для занятий!

DECLARE @tedate DATE = '2022-05-31'

INSERT INTO [dbo].[fct\_timetable] (student\_id, date\_time, lesson\_id, teacher\_id, room)

SELECT TOP 1000000

ABS(CHECKSUM(NEWID()))%100000 + 1 as student\_id,

DATEADD(DAY,ABS(CHECKSUM(NEWID())) % DATEDIFF(DAY,@tsdate,@tedate) ,@tsdate) as date,

ABS(CHECKSUM(NEWID()))%1000 + 1 as lesson\_id,

ABS(CHECKSUM(NEWID()))%1000 + 1 as teacher\_id,

ABS(CHECKSUM(NEWID()))%100 + 1 as room

FROM [dbo].[dim\_students] c1

CROSS JOIN

[dbo].[dim\_students] c2