Dynamic Data Masking in SQL Server

<https://www.sqlshack.com/dynamic-data-masking-in-sql-server-2/>

CREATE TABLE EmployeeData

(MemberID INT IDENTITY PRIMARY KEY,

FirstName varchar(100) MASKED WITH (Function = 'default()'),

LastName varchar(100) MASKED WITH (Function = 'partial(1,"XXX",1)'),

Email varchar(100) MASKED WITH (function = 'email()'),

Age int MASKED WITH (Function = 'default()'),

JoinDate date MASKED WITH (Function = 'default()'),

LeaveDays int MASKED WITH (FUNCTION = 'random(1,5)')

);

INSERT INTO EmployeeData

(FirstName, LastName, Email,Age,JoinDate,LeaveDays)

VALUES

('Dinesh','Asanka','Dineshasanka@gmail.com',35,'2020-01-01',12),

('Saman','Perera','saman@somewhere.lk',45,'2020-01-01',1),

('Julian','Soman','j.soman@uniersity.edu.org',37,'2019-11-01',1),

('Telishia','Mathewsa','tm1@rose.lk',51,'2018-01-01',6);

CREATE USER MaskUser WITHOUT Login;

GRANT SELECT ON EmployeeData TO MaskUser

EXECUTE AS User= 'MaskUser';

SELECT \* FROM EmployeeData

REVERT