import pandas [as] pd,

import numpy [as] np,

import seaborn [as] sns

import scipy.stats as stats

import matplotlib.pyplot as plt

import pandas.io.sql

import pyodbc

import xlrd

server = 'XXXXX'

db = 'XXXXXdb'

# create Connection and Cursor objects

conn = pyodbc.connect('DRIVER={SQL Server};SERVER=' + server + ';DATABASE=' + db + ';Trusted\_Connection=yes')

cursor = conn.cursor()

# read data

data = pd.read\_excel('DBMD University Project Sample Data (Optional).xlsx')

# rename columns

data = data.rename(columns={'Lease Number': 'Lease\_Number',

'Start Date': 'Start\_Date',

'Report Status': 'Report\_Status',

'Status Date': 'Status\_Date',

'Current Status': 'Current\_Status',

'Sales Rep': 'Sales\_Rep',

'Customer Name': 'Customer\_Name',

'Total Financed': 'Total\_Financed',

'Rate Class': 'Rate\_Class',

'Supplier Name': 'Supplier\_Name'})

# export

data.to\_excel('Daily Flash.xlsx', index=False)

# Open the workbook and define the worksheet

book = xlrd.open\_workbook("Daily Flash.xlsx")

sheet = book.sheet\_by\_name("Sheet1")

/\*query1 = """

CREATE TABLE [LEAF].[ZZZ] (

Lease\_Number varchar(255),

Start\_Date varchar(255),

Report\_Status varchar(255),

Status\_Date varchar(255),

Current\_Status varchar(255),

Sales\_Rep varchar(255),

Customer\_Name varchar(255),

Total\_Finance varchar(255),

Rate\_Class varchar(255),

Supplier\_Name varchar(255),

DecisionStatus varchar(255)

)""" \*/

/\*query = """ \*/

query=

INSERT INTO [Staff].[Staff] (

--StaffID,

StudentFirstName

--StudentLastName,

--RegionID

) VALUES (?)

--VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?,?)

# execute create table

try:

cursor.execute(query1)

conn.commit()

except pyodbc.ProgrammingError:

pass

# grab existing row count in the database for validation later

cursor.execute("SELECT count(\*) FROM [Staff].[Staff]")

before\_import = cursor.fetchone()

for r in range(1, Sayfa1.nrows):

StudentFirstName = Sayfa1.cell(A2,0).value

/\*Start\_Date = sheet.cell(r,1).value

Report\_Status = sheet.cell(r,2).value

Status\_Date = sheet.cell(r,3).value

Current\_Status= sheet.cell(r,4).value

Sales\_Rep = sheet.cell(r,5).value

Customer\_Name = sheet.cell(r,6).value

Total\_Financed= sheet.cell(r,7).value

Rate\_Class = sheet.cell(r,8).value

Supplier\_Name = sheet.cell(r,9).value

DecisionStatus= sheet.cell(r,10).value\*/

# Assign values from each row

/\*values = (Lease\_Number, Start\_Date, Report\_Status, Status\_Date, Current\_Status,

Sales\_Rep, Customer\_Name, Total\_Financed, Rate\_Class, Supplier\_Name,

DecisionStatus)\*/

values = (StudentFirstName)

# Execute sql Query

cursor.execute(query, values)

# Commit the transaction

conn.commit()

# If you want to check if all rows are imported

cursor.execute("SELECT count(\*) FROM [Staff].[Staff]")

result = cursor.fetchone()

print((result[0] - before\_import[0]) == len(data.index)) # should be True

# Close the database connection

conn.close()

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edited Jul 11 '18 at 11:37

/\*Registere\_date,

StudentRegion,

StudentCounselFirstName,

StudentCounselLastName,

CounselRegion,

Course,

CourseCredit,

CourseTutorFirstName,

CourseTutorLastName,

TutorRegion\*/