Python Script for Bulk Candidate Data API

!pip install azure-keyvault

import pandas as pd

import pyodbc

import numpy as np

import json

from azure.identity import ClientSecretCredential

from azure.keyvault.secrets import SecretClient

from azure.identity import ClientSecretCredential

import time

from datetime import datetime, timedelta

KEYVAULT\_URI = "https://std-inc-hr-kv-01.vault.azure.net/"

tenant\_id = '1250f2eb-4784-4223-98dc-d6e334345981qweC'

client\_id = '969c6875-c148-4a09-9d94-66c8f223565Jnv'

client\_secret = '~PX8Q~YzQ\_WjJr1cmd8SH3WpChBAjwUbDXC3w21'

credential = ClientSecretCredential(tenant\_id=tenant\_id, client\_id=client\_id, client\_secret=client\_secret)

client = SecretClient(vault\_url=KEYVAULT\_URI, credential=credential)

DEMO\_DB\_PASSWORD=client.get\_secret("STD-INC-HR-SQLDB-01-SK-01").value

server = 'std-inc-hr-sqldbsrv-01.database.windows.net'

db1 = 'STD-INC-HR-SQLDB-01'

username = 'hrsqladmin'

password = DEMO\_DB\_PASSWORD

cnxn = pyodbc.connect('DRIVER={ODBC Driver 18 for SQL Server};SERVER='+server+';DATABASE='+db1+';ENCRYPT=no;UID='+username+';PWD='+ password)

cur = cnxn.cursor()

today = datetime.today()

yesterday = today - timedelta(days=1)

yesterday=yesterday.strftime('%d-%m-%Y')

yesterday

import requests

from datetime import datetime, timedelta

# Calculate yesterday's date

yesterday = datetime.now() - timedelta(days=1)

created\_from = yesterday.strftime("%d-%m-%Y 12:00:00")

# Get today's date

today = datetime.now()

created\_to = today.strftime("%d-%m-%Y 12:00:00")

url = "https://myjsw.darwinbox.in/JobsApiv3/BulkCandidatesData"

payload = {

    "api\_key": "b33bc109753ed40d73799991dba56d2326c3838965c2f6ccbfd2fa84aa1c442226c3802f969a03c1511244055dff0e9bf53b07b74a4e1bfd9a2ec4cvc234658g",

    "created\_from": created\_from,

    "created\_to": created\_to

}

headers = {

    'Content-Type': 'text/plain',

    'Authorization': 'Basic QVBJX1VzZXJfdm9rc2Vfb3V0OnI5cTdPOXlfTno4WTE4JldIklqwX',

}

response = requests.post(url, headers=headers, json=payload)

print(response.text)

df = pd.DataFrame(response.json())

a = []

for x in df["data"]:

    a.append(x)

df1 = pd.DataFrame(a)

df1

df1.replace("N.A",np.NaN, inplace = True)

df1["created\_date"]=pd.to\_datetime(df1["created\_date"],dayfirst=True).dt.strftime('%d-%m-%Y')

df1["created\_date"]=pd.to\_datetime(df1["created\_date"],format='%d-%m-%Y')

#for df1

col1 = ", ".join([str(i.replace('/','\_').replace('.','')) for i in df1.columns.tolist()])

col1

cur.execute("Truncate TABLE Stagging\_Candidate\_Bulk\_Data;")

cnxn.commit()

df1=df1.astype(str)

#insertion for df1(Active)

for i,row in df1.iterrows():

    sql = "INSERT INTO Stagging\_Candidate\_Bulk\_Data (" +col1 + ") VALUES (" + "?,"\*(len(row)-1) + "?)"

    cur.execute(sql, tuple(row))

cnxn.commit()

cur.execute("Update\_Production\_Candidate\_Bulk\_Data;")

cnxn.commit()