**Step 1: Refresh local SQL table and then bulk import from csv file**

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-- <Description: Bulk Imports data from the Cintra csv data extract file in to local table after truncate

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CREATE PROCEDURE [dbo].[pCintra\_ImportCsvToTesting]

AS

BEGIN

-- SET NOCOUNT ON added to prevent extra result sets from

-- interfering with SELECT statements.

SET NOCOUNT ON;

-- Insert statements for procedure here

Truncate table DataTeam.dbo.tCintra\_Testing

BULK INSERT DataTeam.dbo.tCintra\_Testing FROM 'D:\Shiraz Test Data\Import\CintraIQ\_Extract.csv'

WITH (FORMAT = 'CSV', FIRSTROW = 2, FIELDQUOTE = '"')

END

**Step 2: Create CSV on remote server**

Ref: <https://stackoverflow.com/questions/425379/how-to-export-data-as-csv-format-from-sql-server-using-sqlcmd>

#Requires -Module SqlServer

Invoke-Sqlcmd -Query "set nocount on; SELECT \* FROM DataTeam.dbo.tCintra\_Testing;" -Database DataTeam -Server vdatafeeddb | Export-Csv -NoTypeInformation -Path "\\vdatafeeddb\d\Shiraz Test Data\Extract\ShirazTestExtract.csv" -Encoding UTF8

OR

sqlcmd -S vdatafeeddb -d Heritage -E -h-1 -o "\\vdatafeeddb\c$\Cirqa Hosted Data\users.csv" -Q "set nocount on; SELECT distinct ReaderNo, Surname, ForeNames, Gender, Ethnicity,TG, char(34) + Address + char(34), PostCode, HomeTel, Email, Category, LeaveDate, char(34) + Photopath + char(34), Barcode, Courses, Alt\_Id, DOB, LNG FROM dbo.vPushHeritagePerson " -W -w 999 -s","

OR

sqlcmd -S vdatafeeddb -d Aramark -E -h-1 -o "\\vdatafeeddb\c$\AramarkUserFiles\qPushAramarkUsers.csv" -Q "set nocount on; SELECT CHAR(34) + AccountNumber + CHAR(34),CHAR(34) + CardNo+ CHAR(34),CHAR(34) + Surname + CHAR(34),CHAR(34) + Forename + CHAR(34),CHAR(34) + Group1 + CHAR(34),CHAR(34) + Group2 + CHAR(34),CHAR(34) + Group3 + CHAR(34),CHAR(34) + Group4 + CHAR(34),CHAR(34) + Inactive + CHAR(34) FROM Aramark.dbo.AramarkUsersTemp ORDER BY Seq,Forename,Surname" -W -w 999 -s","

OR

sqlcmd -S vdatafeeddb -d EvolveData -E -h-1 -o "\\vdatafeeddb\c$\evolvelink\data\classes.csv" -Q "set nocount on; SELECT \* FROM [dbo].[vEVOLVE\_Classes\_csv] ORDER BY upn desc" -W -w 999 -s","

OR

sqlcmd -S vdatafeeddb -d EvolveData -E -h-1 -o "\\vdatafeeddb\c$\EVOLVELink\data\students.csv" -Q "set nocount on; SELECT forename,surname,upn,reg\_group,gender,year\_group,telephone,email,dob,student\_email, isnull(emergency\_contact,''),char(34)+isnull(medical,'')+char(34),student\_mobile,malefemale,ApplicationType,ApplicationStatus,FreeMealEligibility FROM EvolveData.dbo.EvolveStudents ORDER BY Idx,forename,surname" -W -w 999 -s","

**Update table by inner join:**

UPDATE StudentDetail

SET UserDefined18 = AC.AVG\_CODE

FROM CUSTOM\_AVG\_CODE AC INNER JOIN StudentDetail SD

ON AC.REFNO = SD.REFNO WHERE SD.AcademicYearID = '24/25'

COMMIT TRANSACTION

**Data Output in XML or JSON:**

SELECT Pers\_Title,Pers\_First\_Name,Pers\_Known\_As FROM tCintra\_Testing FOR JSON PATH;

SELECT Pers\_Title,Pers\_First\_Name,Pers\_Known\_As FROM tCintra\_Testing FOR XML PATH;

**Data Output in XML or JSON:**

bcp "set nocount on; SELECT \* FROM DataTeam.dbo.tCintra\_Testing FOR JSON AUTO" queryout "\\vdatafeeddb\d$\Shiraz Test Data\Extract\ShirazTestExtract.json" -c -S "vdatafeeddb" -d DataTeam -T

bcp "set nocount on; SELECT \* FROM DataTeam.dbo.tCintra\_Testing FOR XML AUTO" queryout "\\vdatafeeddb\d$\Shiraz Test Data\Extract\ShirazTestExtract.XML" -c -S "vdatafeeddb" -d DataTeam -T