***Data import from CSV to MongoDB:***

mongoimport --db project --collection tp --type csv --file "C:\Users\anujm\OneDrive\Desktop\big data\Project\EmployeeCDPCompletionStatus1.csv" --fields Empno, RoleCapability,EMPUCode,SBUCode,CertifiactioCode,CertificationTitle,Competency,Certification\_Type,Certification\_Group,Contact\_based\_Program\_Y\_N,ExamDate,Onsite\_Offshore,AttendedStatus,Marks,Result,Status,txtPlanCategory,SkillID1,Complexity

Created Notepad File with Tab Spaces.

***Generate full month Name and Quarter:***

db.EmployeeCompletionStatus.find({}).forEach(function(row){

dateGiven= row.ExamDate;

fullMonthNames=["January", "February", "March", "April", "May", "June","July", "August", "September", "October", "November", "December"];

res='';

//res=fullMonthNames[new Date(dateGiven).getMonth()];//error

index=0;

for(var i=0;i<12;i++){

if(dateGiven.split("-")[1]==fullMonthNames[i].substring(0,3)){

res=fullMonthNames[i];

break;

}

index++;

}

quarter= Math.ceil(index/3)+1;

db.EmployeeCompletionStatus.update(

{ \_id: row.\_id },

{ "$set": { "Month\_of\_certification": res , "Quarter\_of\_certification":quarter} }

);

});

***Splitting the records into two types:***

For External Certification Type:

db.EmployeeCompletionStatus.aggregate ([{$match:{CertificationType:"External"}},{$out:"EmployeeCompletionExternal"}])

For Internal Certification Type:

db.EmployeeCompletionStatus.aggregate ([{$match:{CertificationType:"Internal"}},{$out:"EmployeeCompletionInternal"}])