# Integration Configuration from Fusion GL to EPM

Objective: Importing Oracle General Ledger data from the Oracle ERP Cloud to Oracle EPM Cloud application and write back to the Fusion system.

Prerequisite's:

| ERP Fusion System Details.	
Oracle ERP Fusion URL	http://
Username	xxxx
Password	xxxx
Charts of Account Name	xxxx
Ledger Name	xxxx
Segments and Segment values	Xxxx(epm configuration)
Integration User Privileges	GL_RUN_TRIAL_BALANCE_REPORT_PRIV, GL_ENTER_BUDGET_AMOUNTS_FOR_FINANCIAL_REPORTING_PRIV, FUN_FSCM_REST_SERVICE_ACCESS_INTEGRATION_PRIV
Integration predefined roles	General Accountant, Journal Management, Period Close Management
Integration user custom roles	GL_RUN_TRIAL_BALANCE_REPORT_PRIV, FUN_FSCM_REST_SERVICE_ACCESS_INTEGRATION_PRIV

Step1: Login into Application by entering Credentials i.e., Username and Password, when we Login into Application the following homepage of EPM would be displayed.
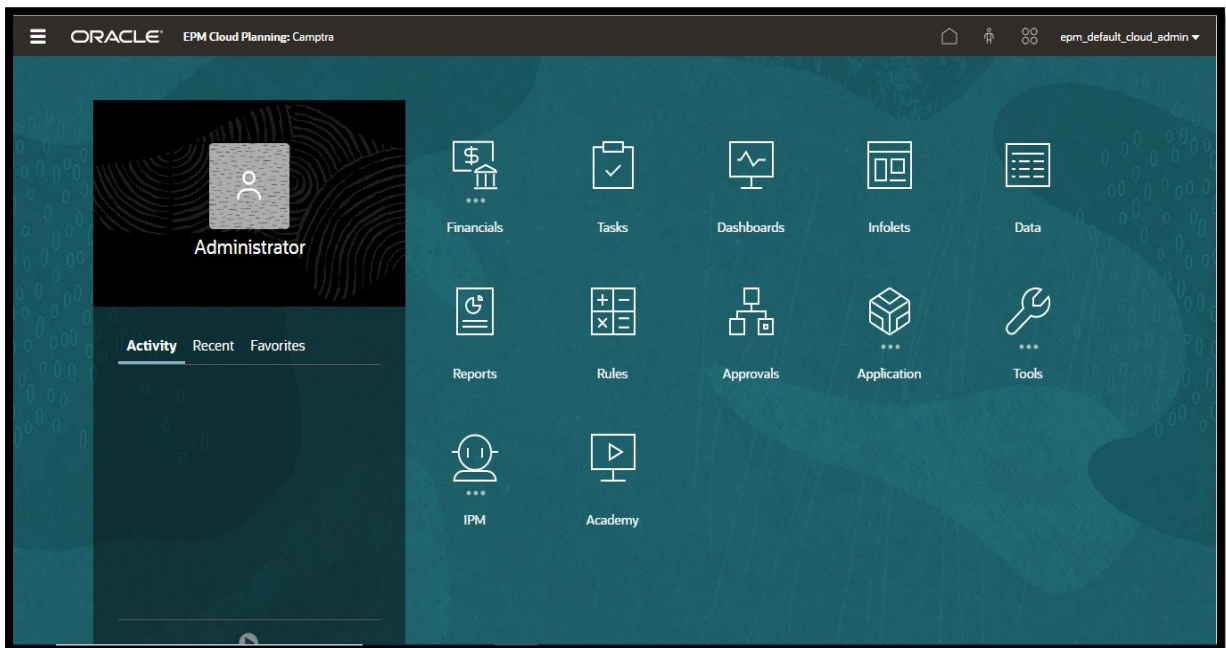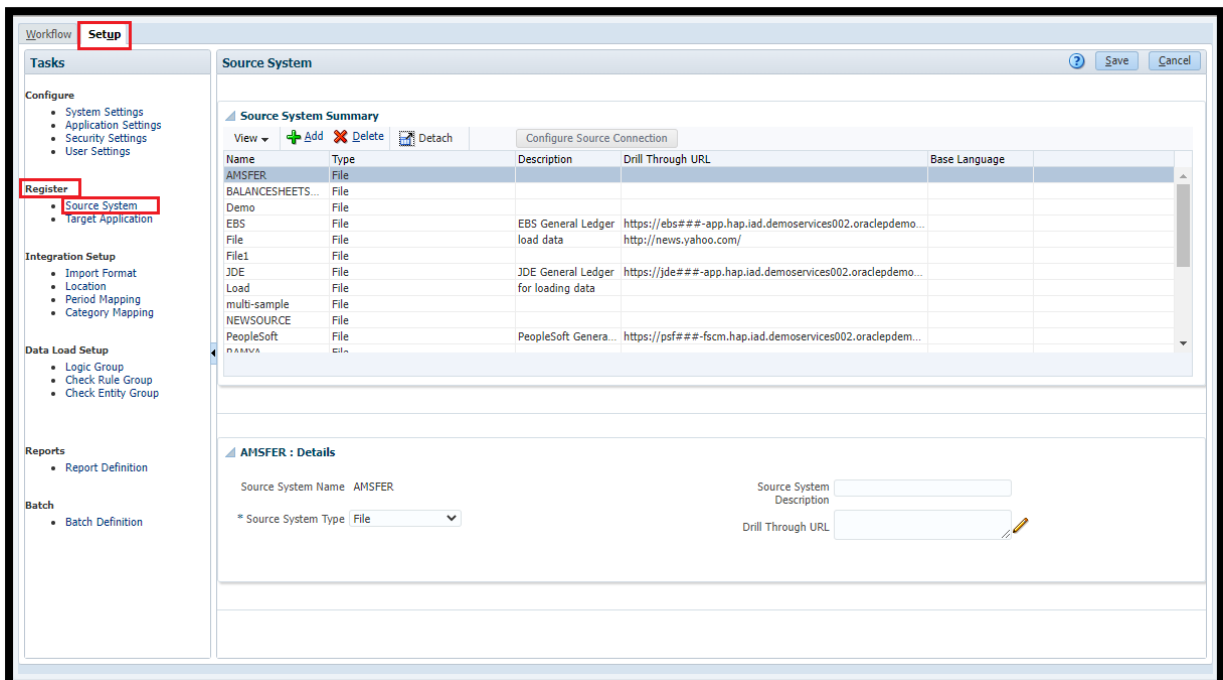

Step2: Click on Global Navigator.
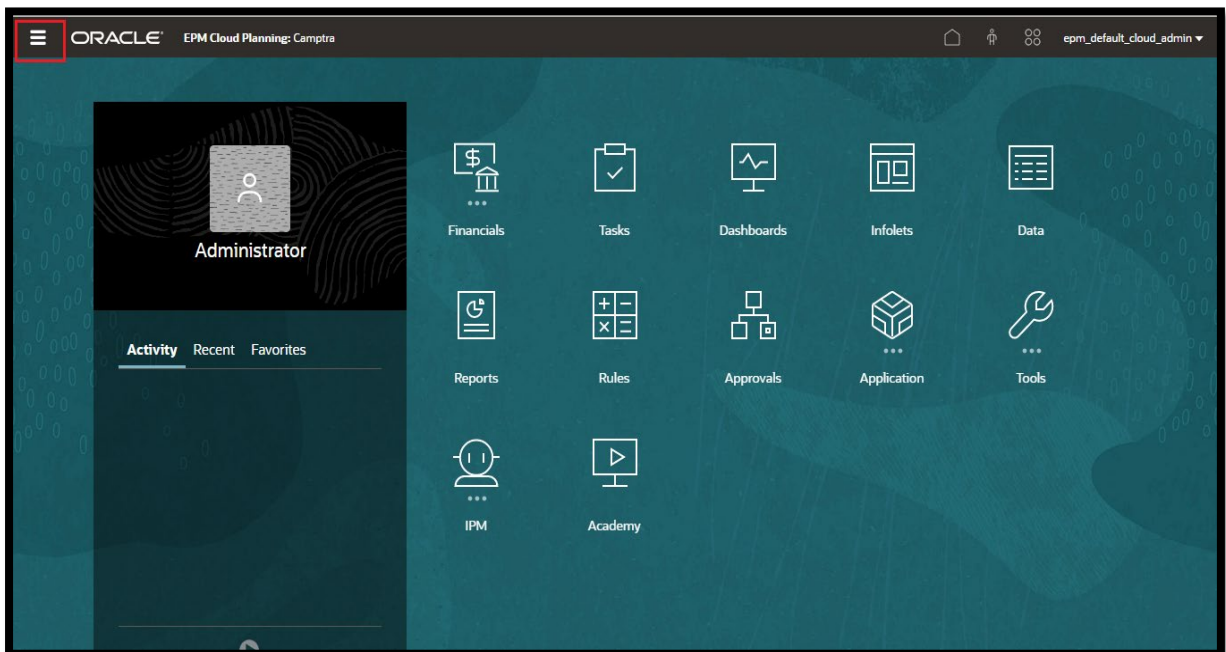
Step 3: After Click on Global Navigator, the following page should be displayed. Then click on "Data Management" under "Integration".
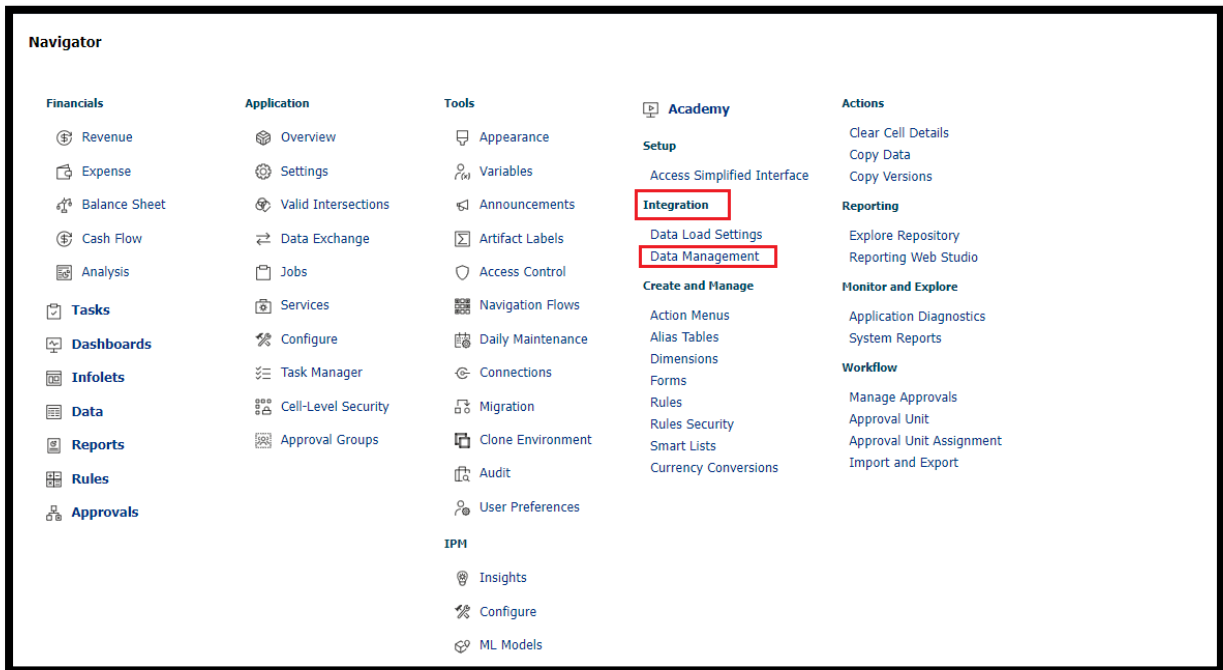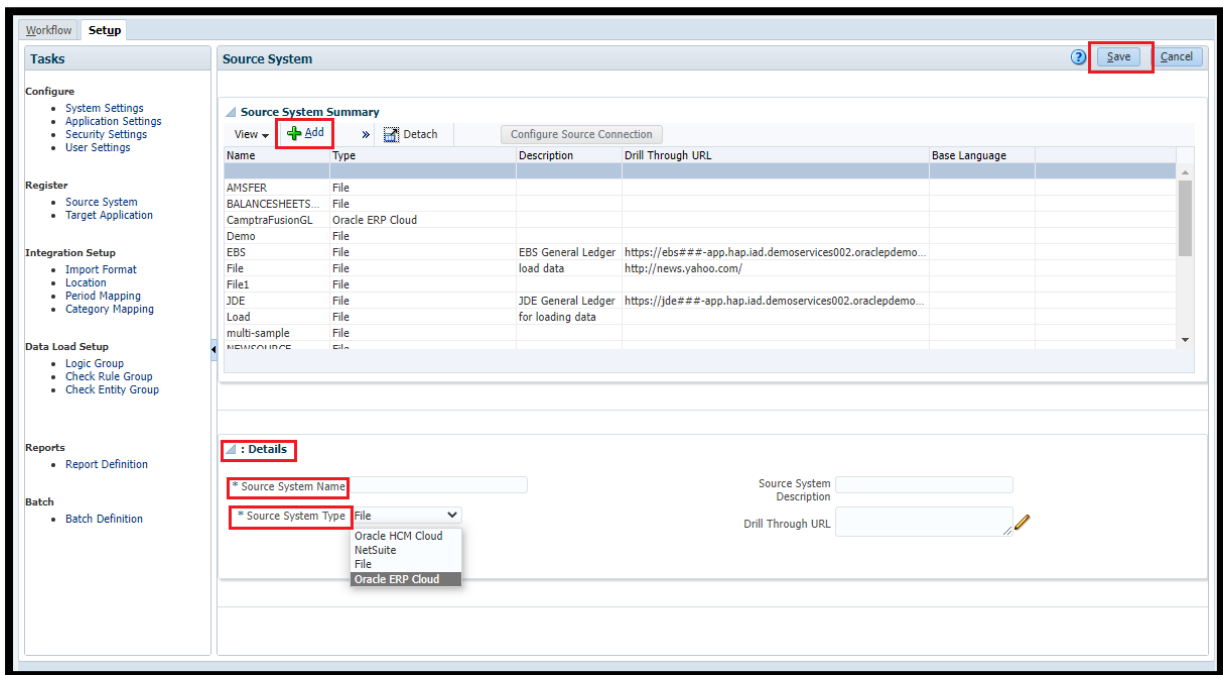

Step 4: After clicking on the Data Management, the following page would be displayed, then click on "Setup" then click on "Source System" under "Register".
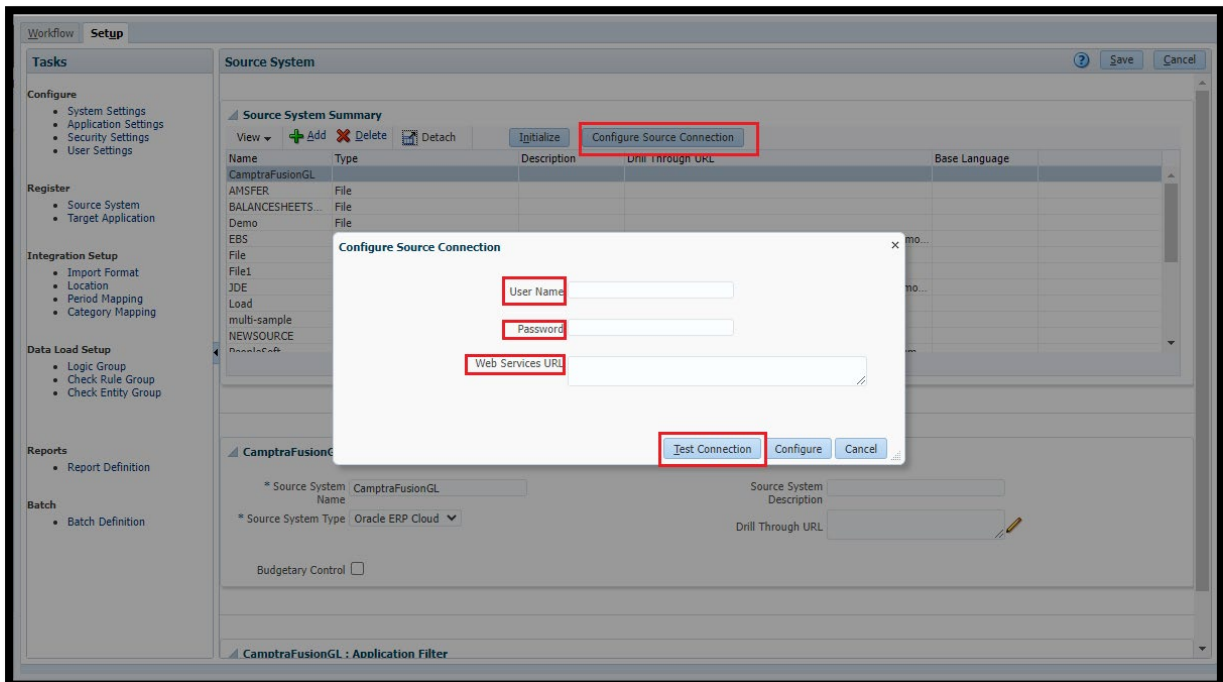
Step 5: Click on "Add". Under "Details", provide all the mandatory information, then click on "Save"

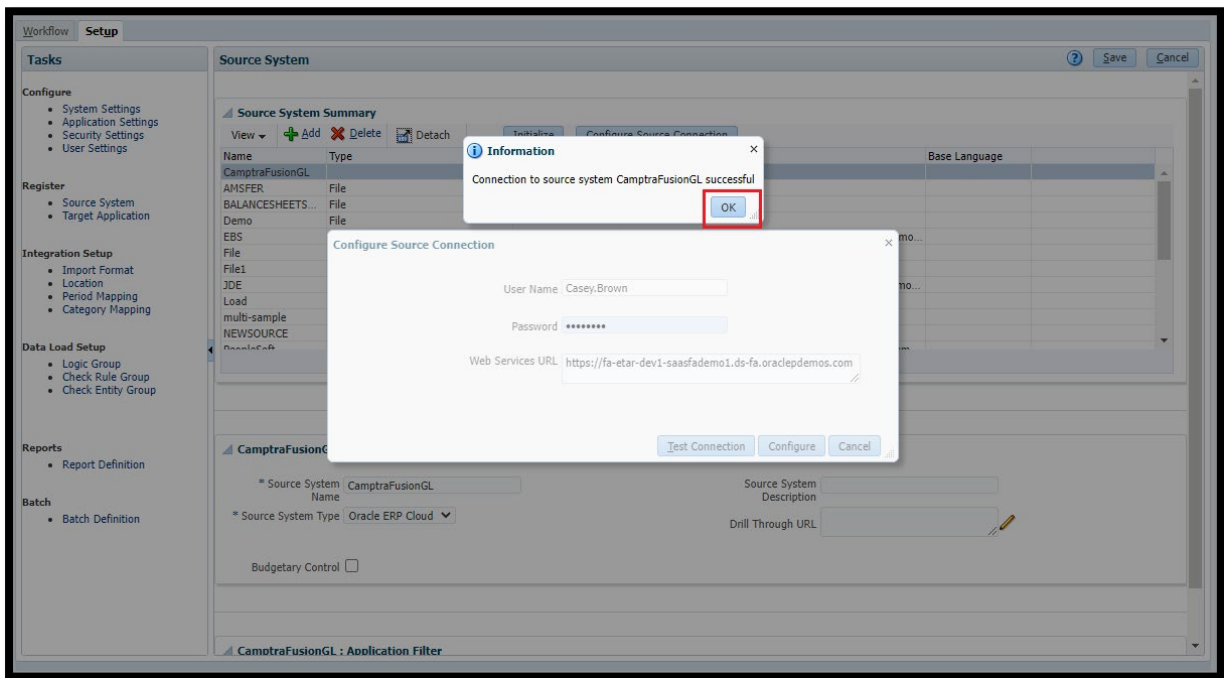**Note**: Ensure that your "Source System Type" should be "Oracle ERP Cloud".

Step 6: Select Source system, then click on "Configure Source Connection", provide the credentials of source connection then click on "Test Connection".
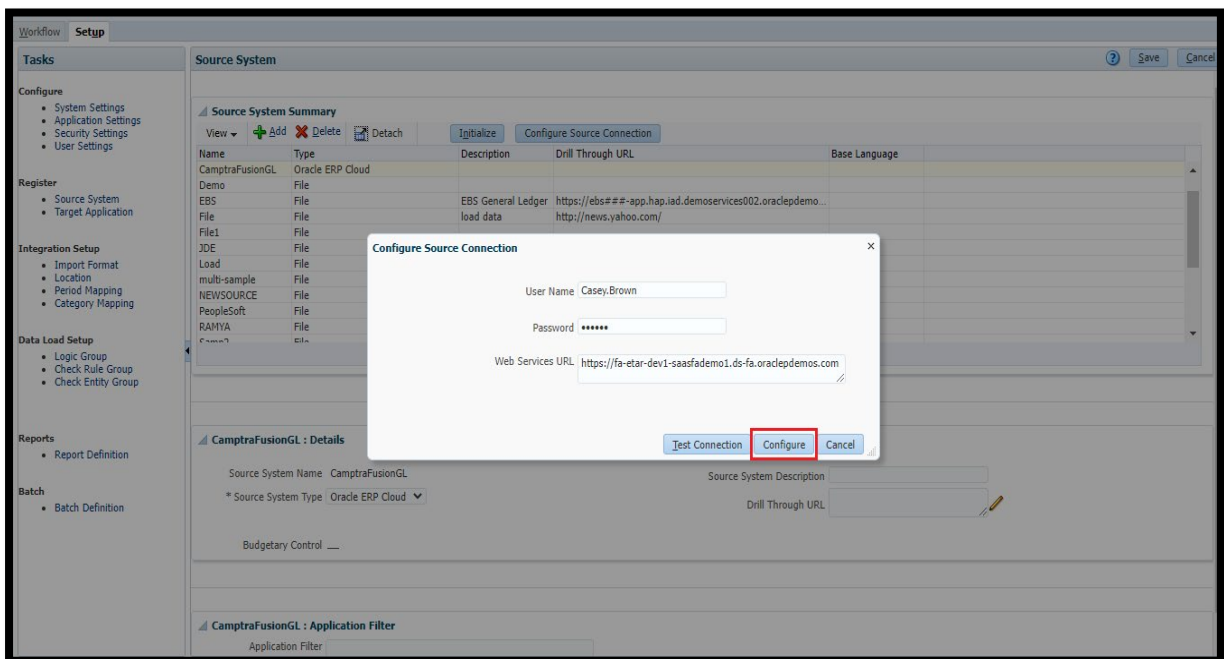
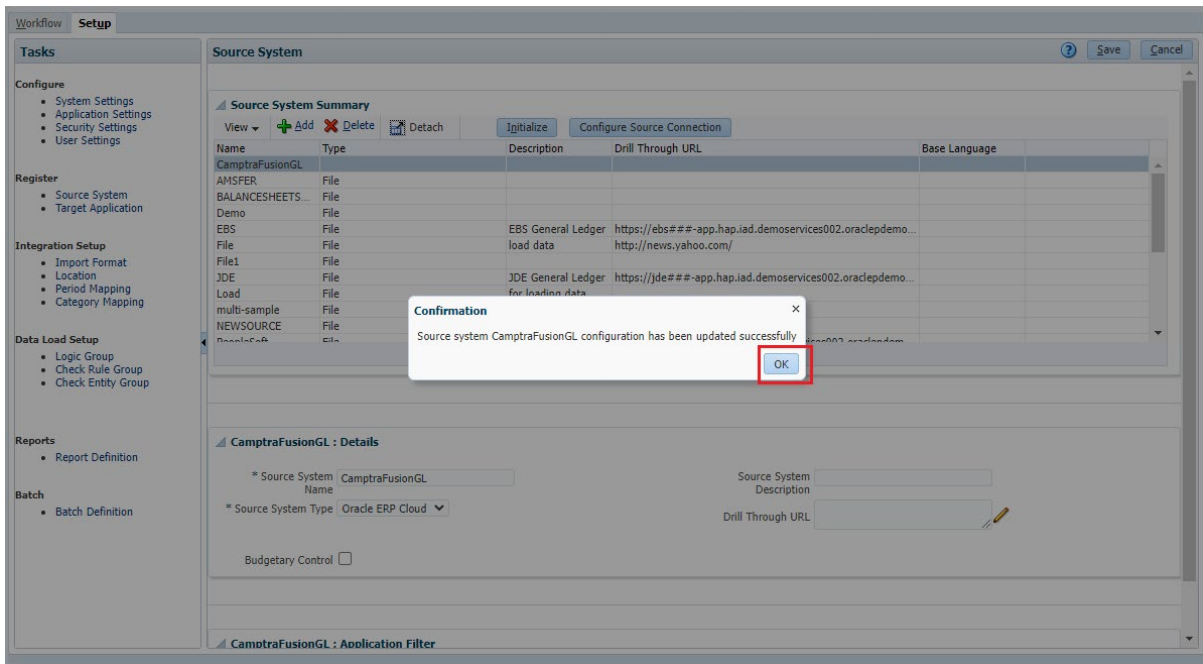**Step 7:** Click on "OK" then click on "Save".

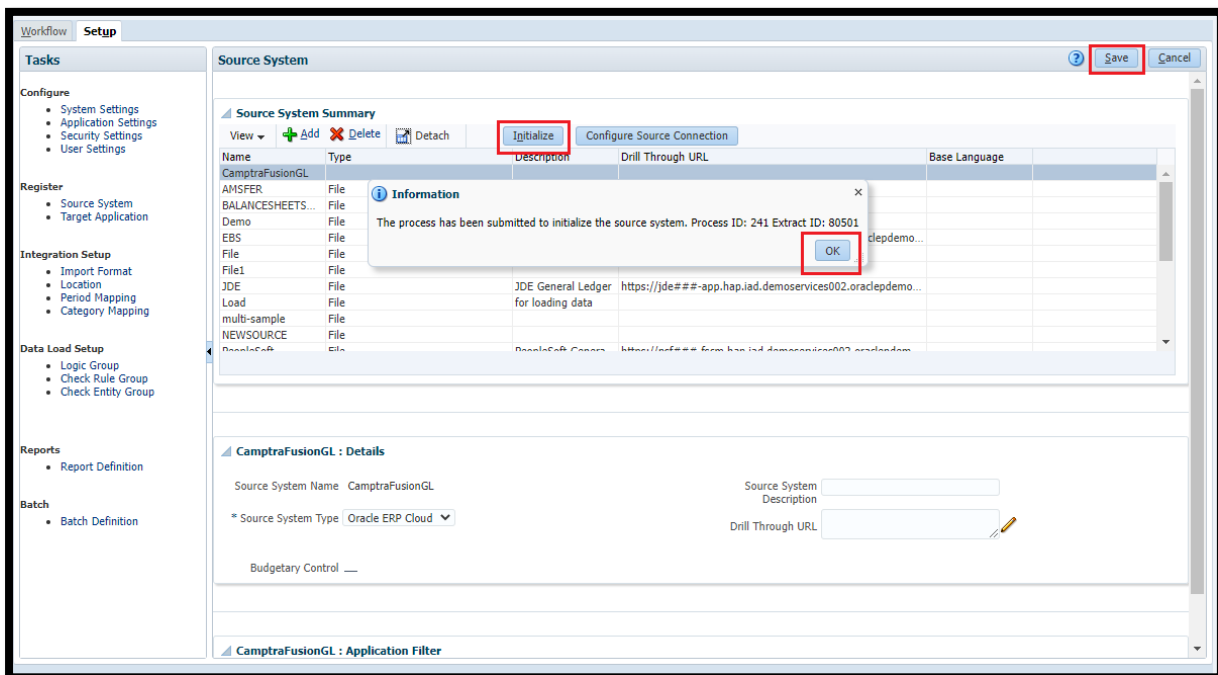**Note:** Make sure that your fusion source connection should have General Ledger user access.

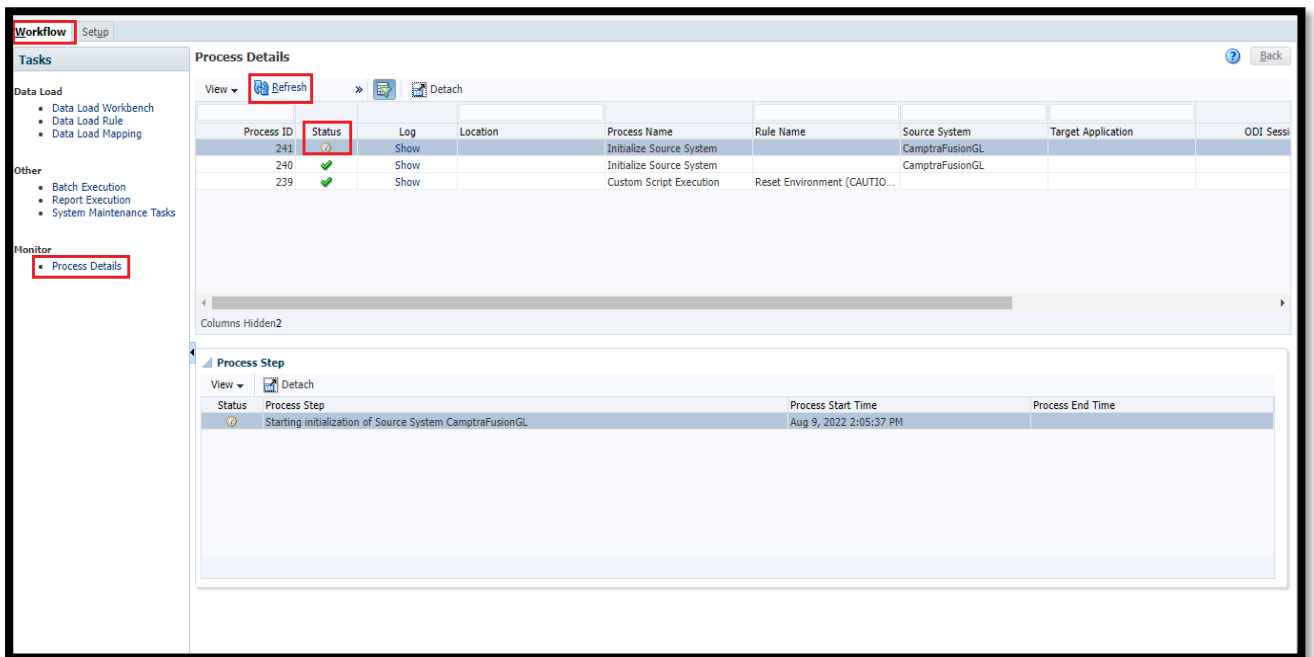**Step 8:** Click on "Configure".

Step 9: Click on "OK".

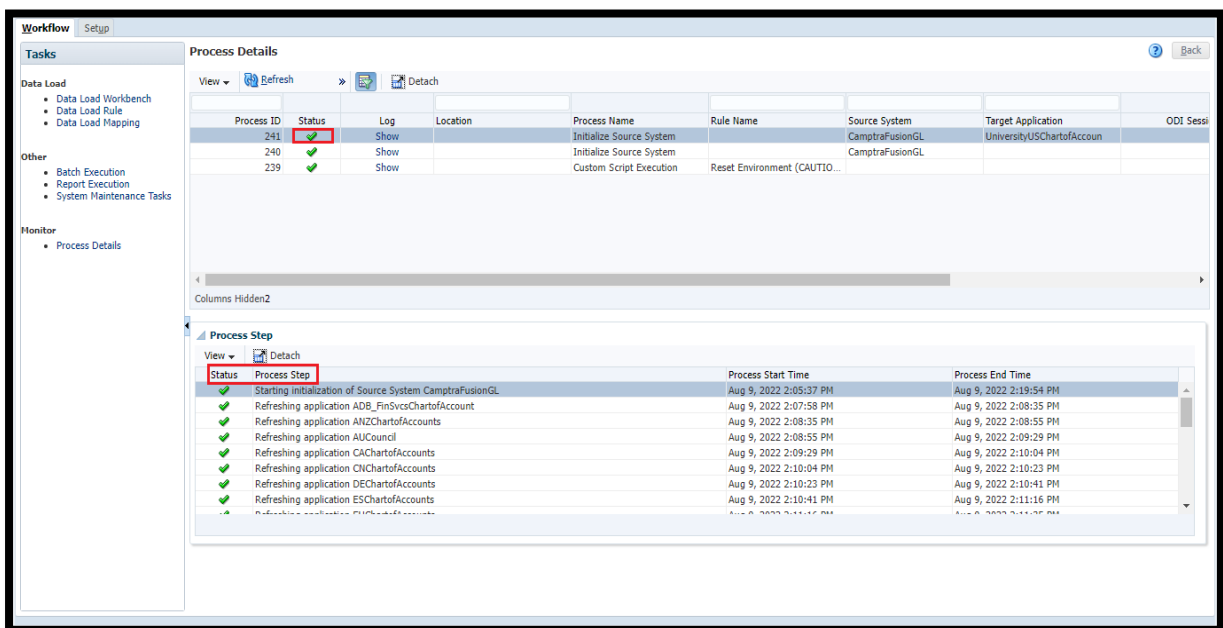**Step 10:** Click on "Initialize" then click on "OK" then click on "Save".

Step 11: Click on "Workflow", under "Process Details" Click on "Refresh".

Note: Wait until that "Status" should be appeared in Green Colour check mark that means our initialization completed successfully.
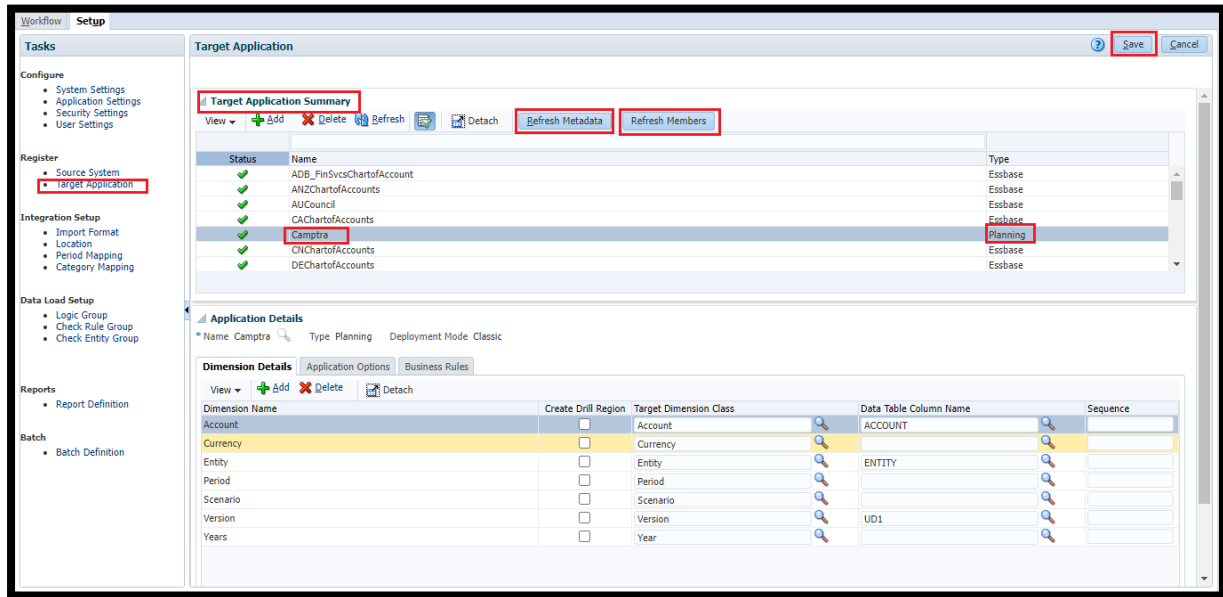

**Step 12:** The status should be successfully completed.

Step 13: Go to the Setup tab, click on "Target Application". Find your target application in "Target Application Summary".

Note: Ensure that your planning application should be your Target application, if you add any meta data in application don't forget to do "Refresh Metadata" and "Refresh Members".
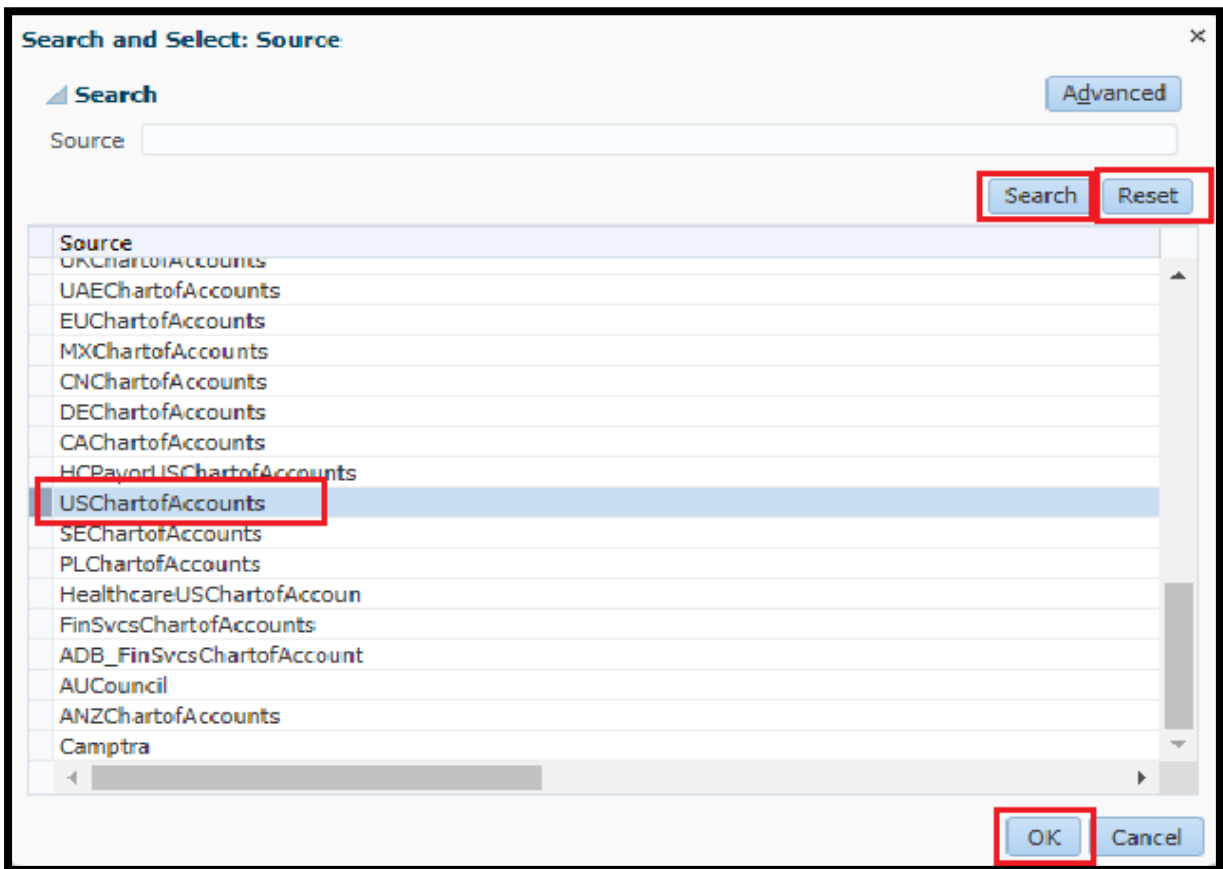

Step 14: Click on "Import Format", click on "Add", under Details provide import format "Name" then select "Source" and "Target".
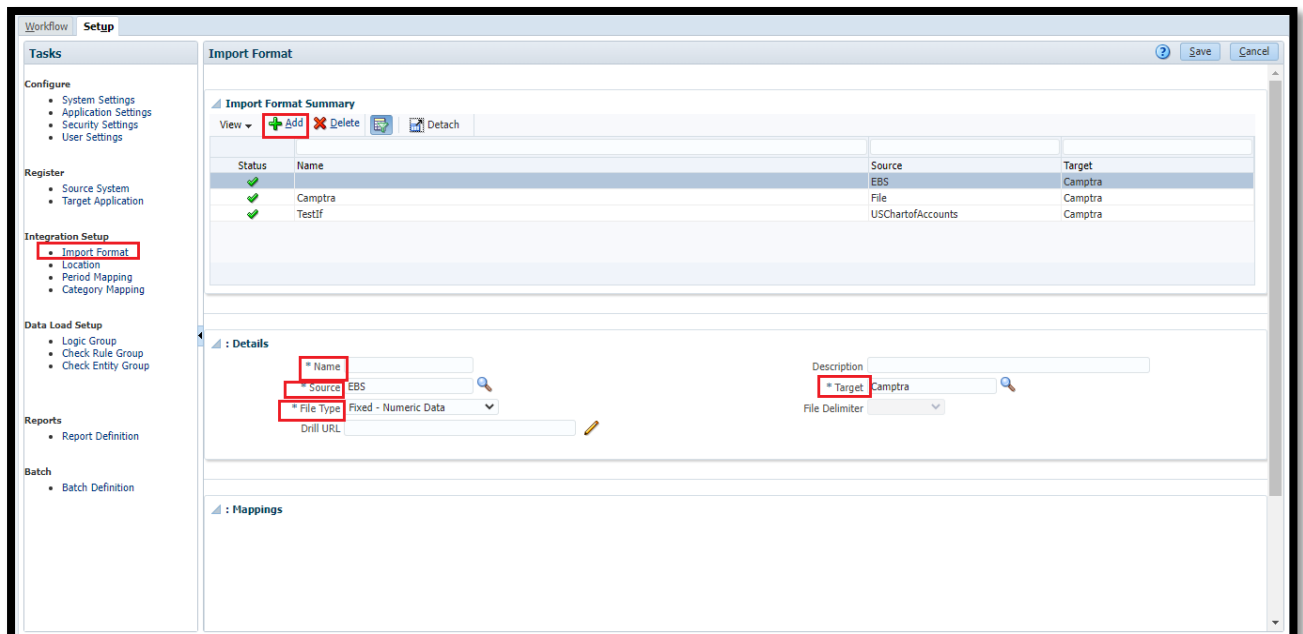
Step 15: for example, in source select "USChartofAccounts" then click on "OK".

Note: Whenever you are selecting source, initially click on Reset and click on Search then you select your source.

Step 16: In Import format under Mappings, you should map all the necessary mappings
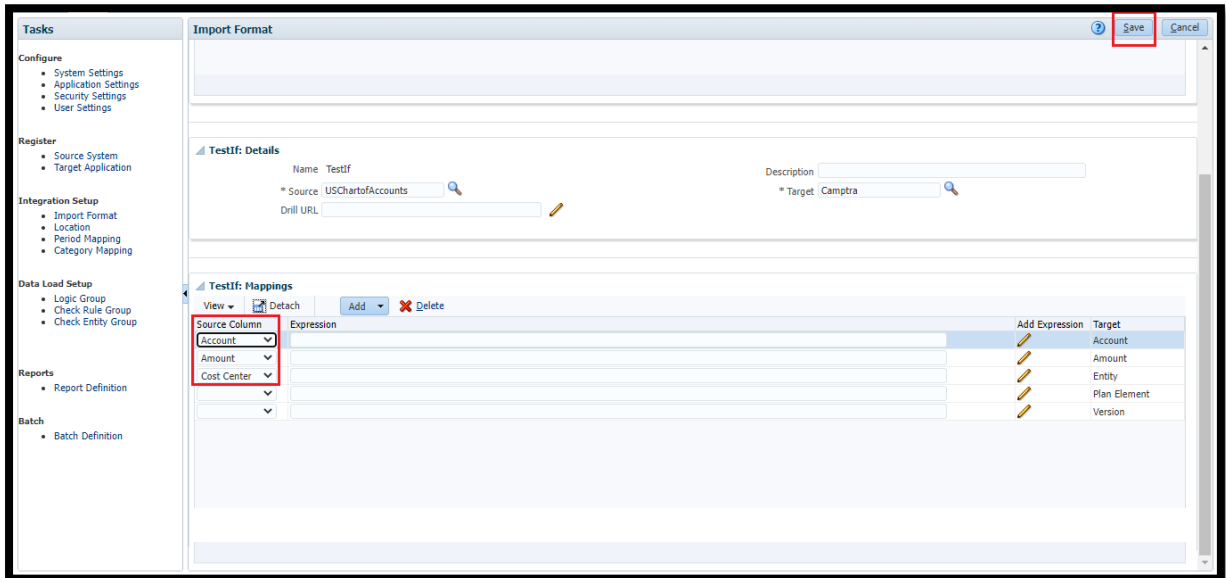
For example, for Account dimension, you must select Account as your Source in "Source Column".

Note: After Selecting of each dimension click on save.

Step 17: Like that we must map all the mandatory Dimensions.

Note: Don't map Plan Element and Version because these dimensions are not existing in our fusion system.


Step 18: Click on "Location", Select "Target Application" then click on "Add". Under Details you must provide Name of the location and select Import Format then click on Save.

**Note:** Make sure that Source & Target should be same that you created in Source system and Target Application.
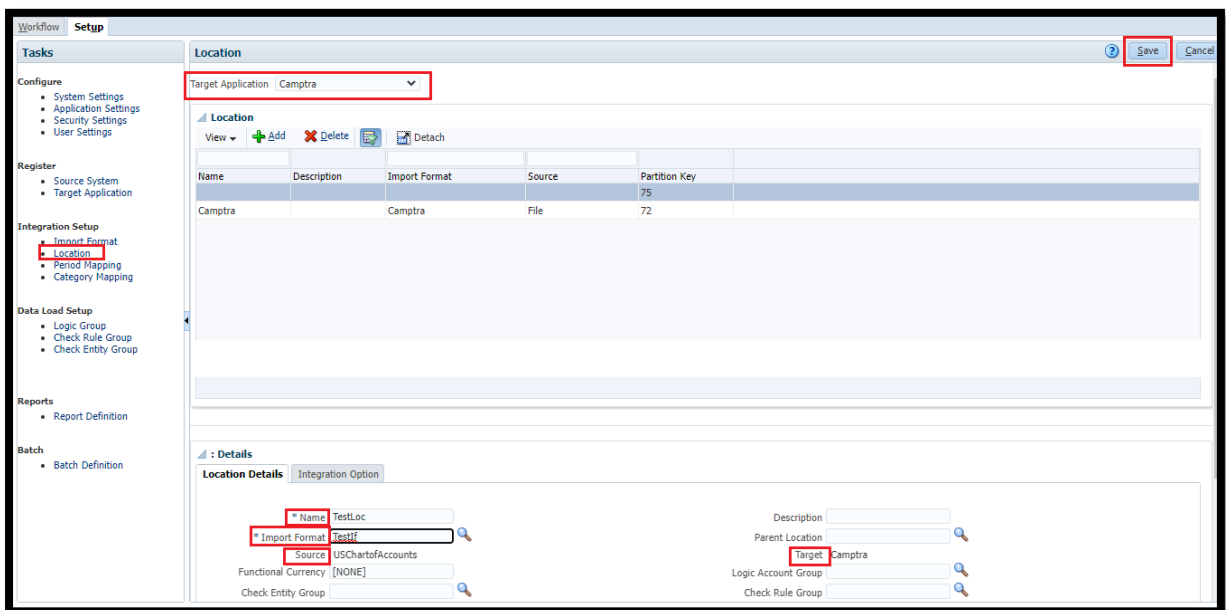
Step 19: Click on "Period Mapping" under "Integration Setup", then click on "Source mapping", Select your "Source System", "Source Application", "Target Application",

"Mapping Type" then click on "Add" and select "Source period Key" and "Target period Key" then click on "Save".
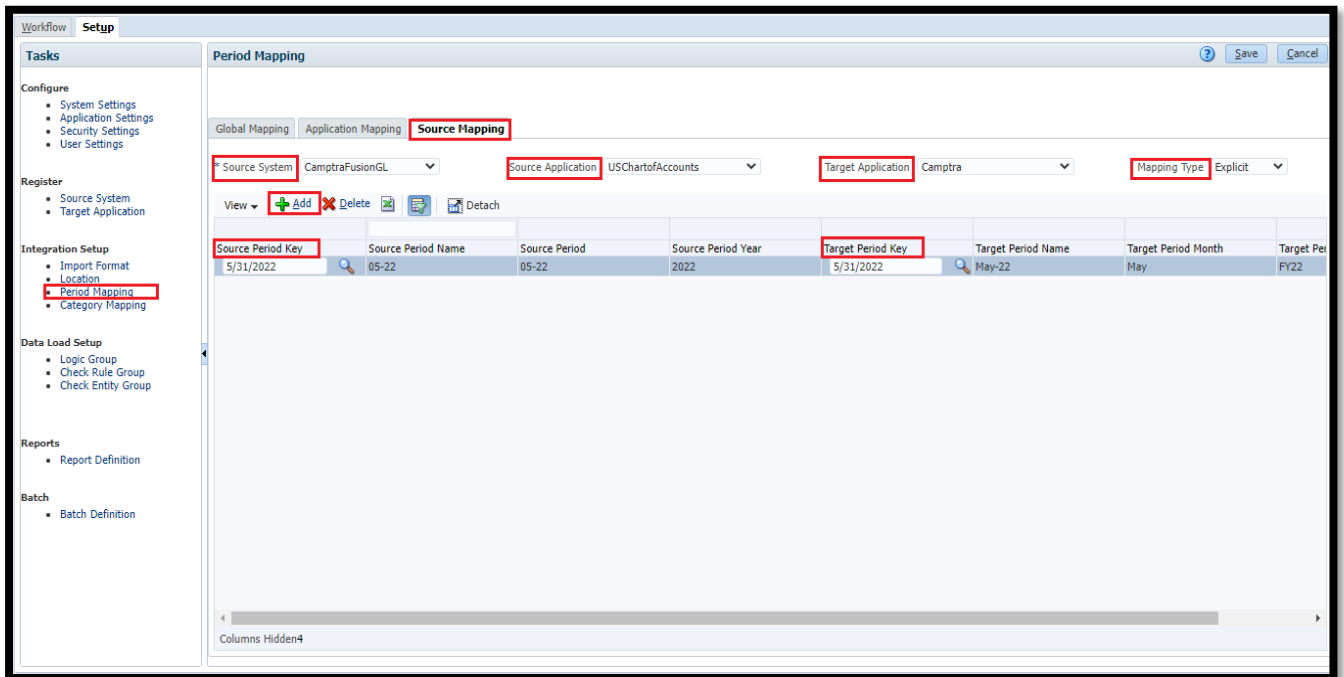

Step 20: Click On "Category Mapping" then click on "Global Mapping". Write your "Category" and "Target Category" Then click on save.

Note: Category Mapping is for Scenario Dimension, for example Actual scenario (or) Forecast Scenario, hear we are importing to Actual Scenario.
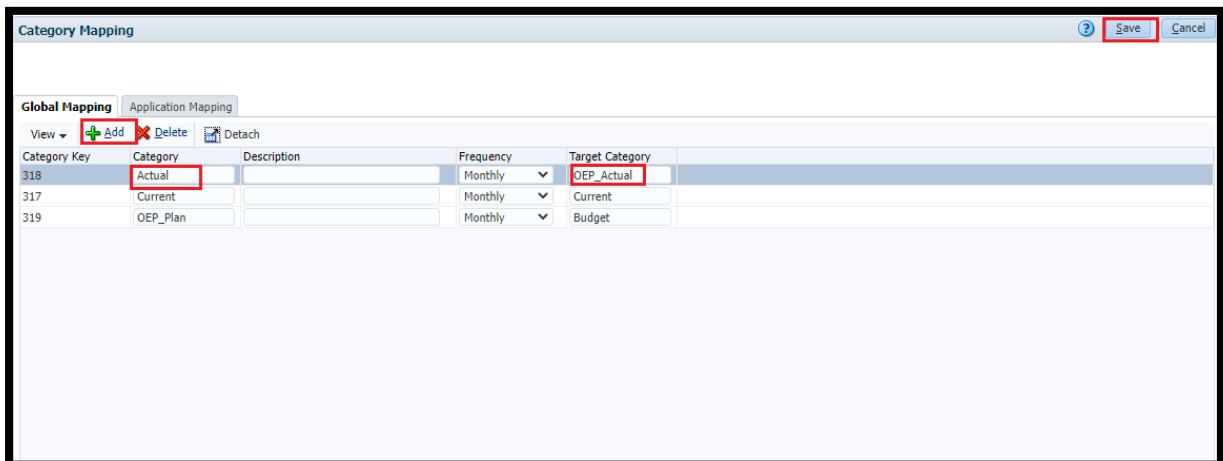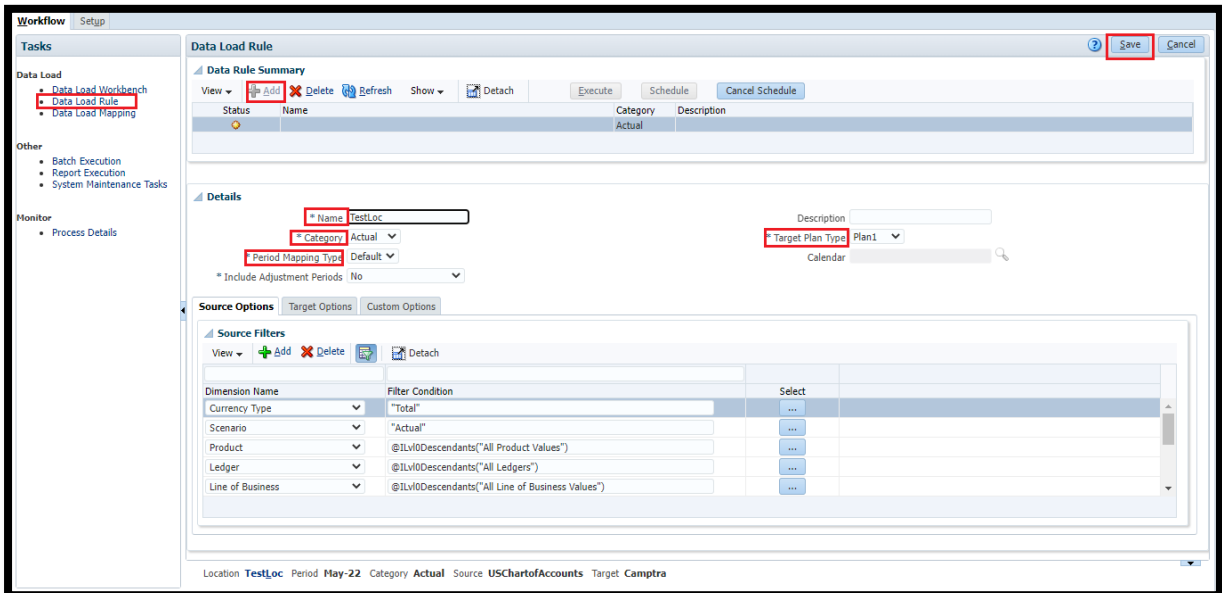

Step 21: Click on Workflow, under "Data Load" click on "Data Load Rule" then click on Location, Select Point of View then Click on "OK".

Note: Make sure that you are in correct POV or not.
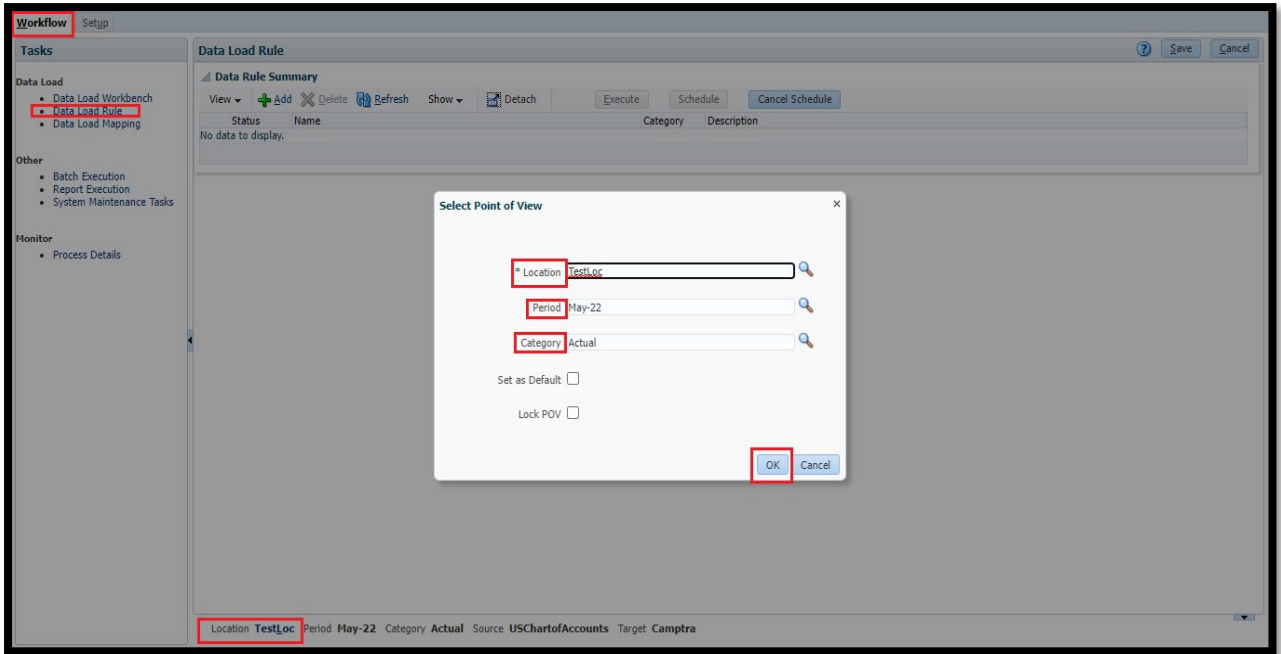
Step 22: Click on "Add", Under Details provide mandatory fields then click on "Save".
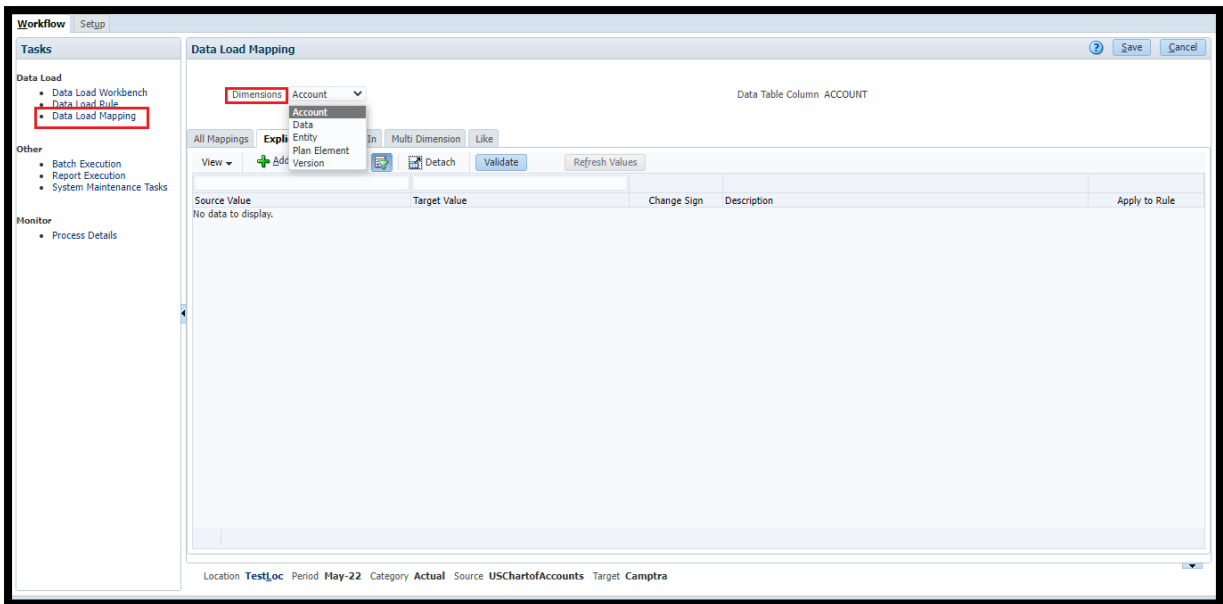

Step 23: Under Source Options Select "Ledger", Click on Select (…)
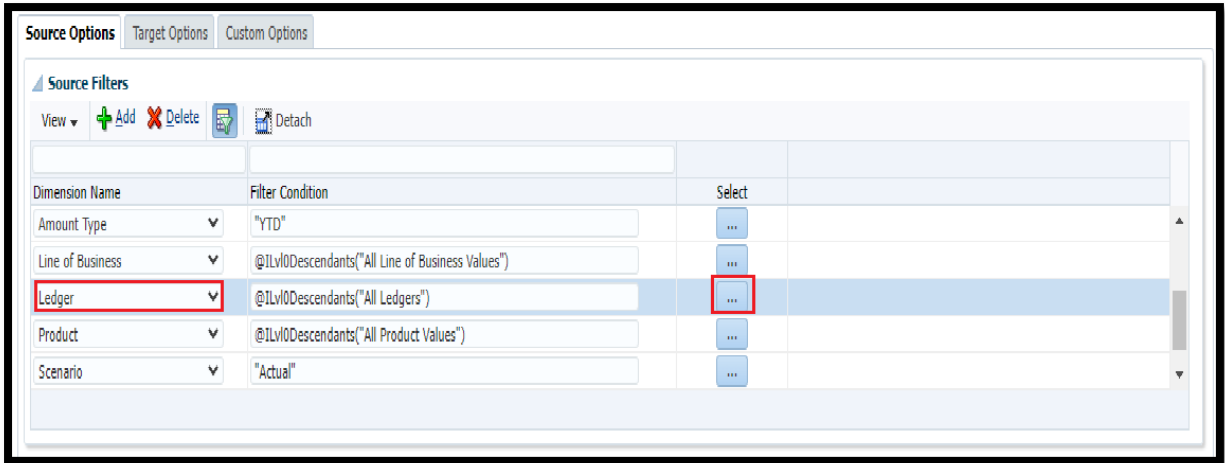
Step 24: Select "Use Qualified Member Name" as "Yes", Select ledger then click on **'>'**, then click on "Ok".
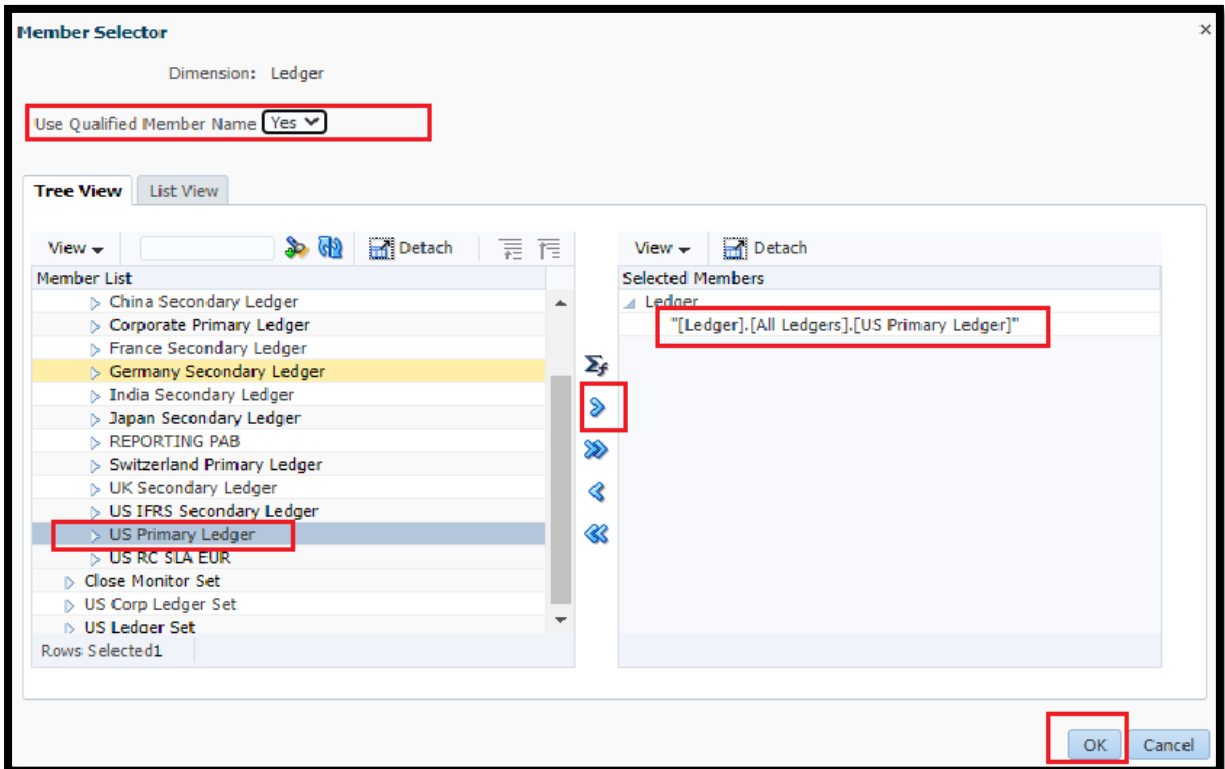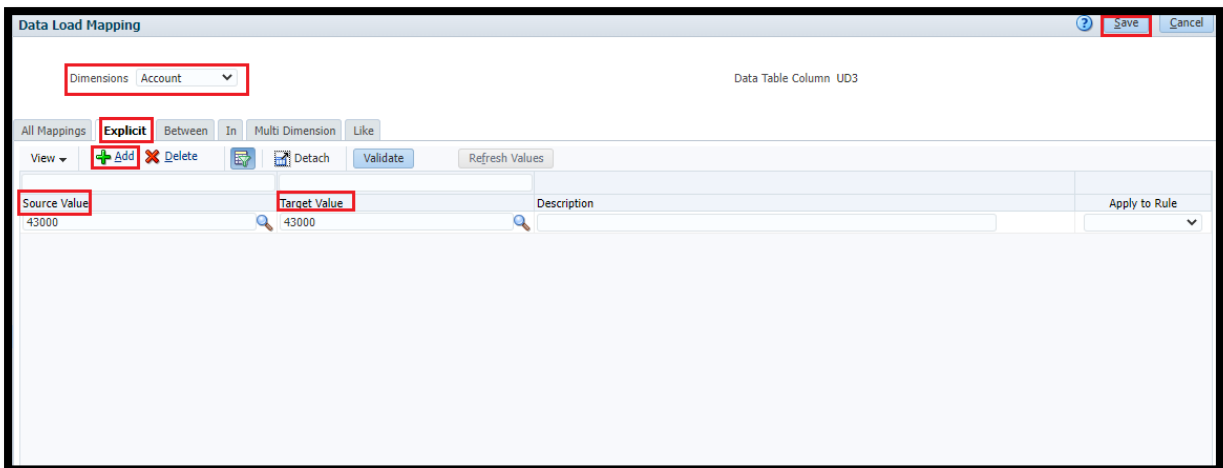

**Step 25:** Click on "Data Load Mapping", Select Dimension from the Drop-down list.

**Step 26:** Click on "Explicit", click on "Add", select "Source Value" and "Target Value" then click on save

Note: Like This we follow for remaining Dimensions.

Step 27: Once explicit mapping is done then click on "Like", click on "Add", select "Source value" as "*" and provide "Target Value" as "IGNORE", provide "Rule Name" then click on "save"
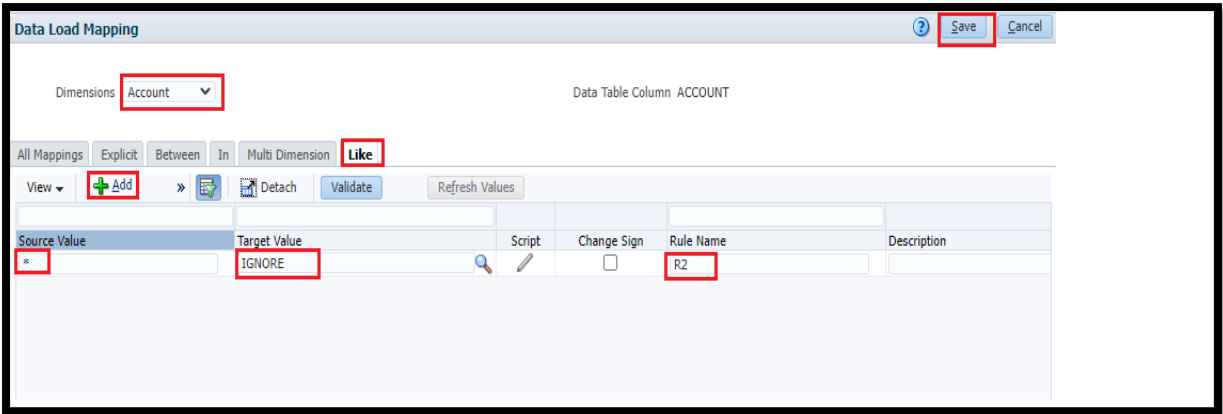
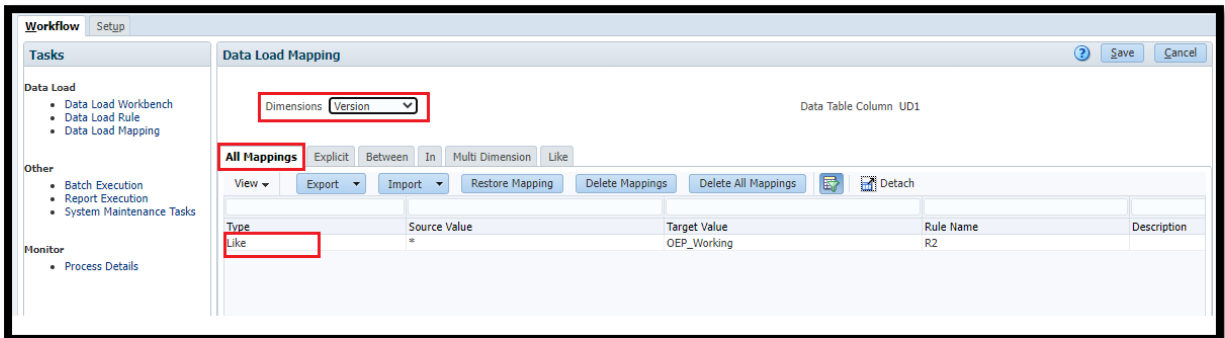**Note:** Under "All Mappings", we are able to see the all mapping of particular dimensions.
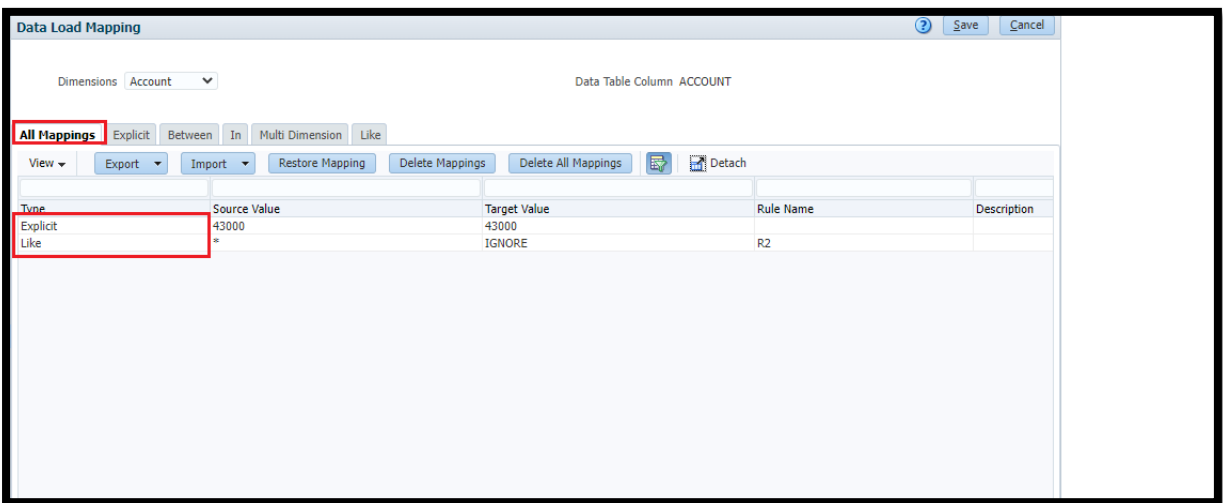
Step 28: Like Account dimension we must follow for "Entity" dimension also
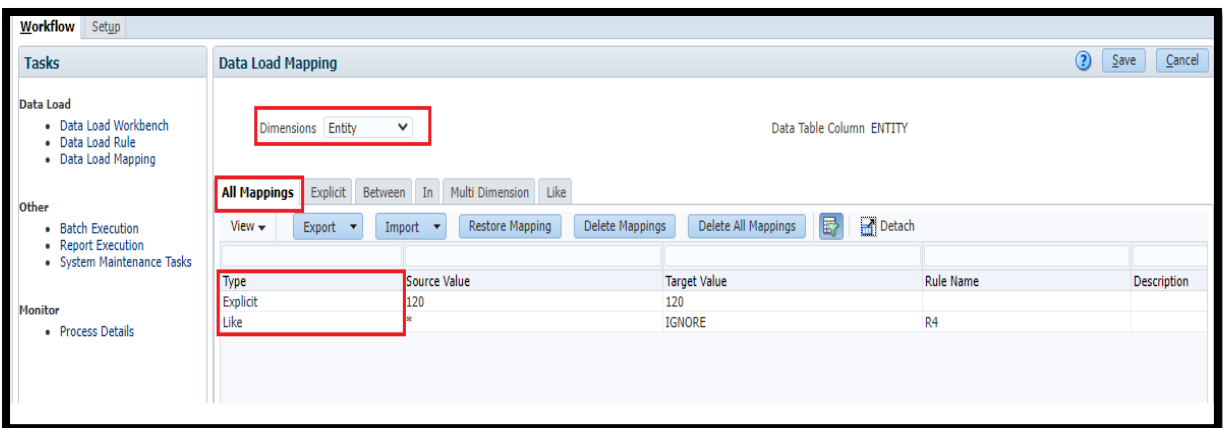
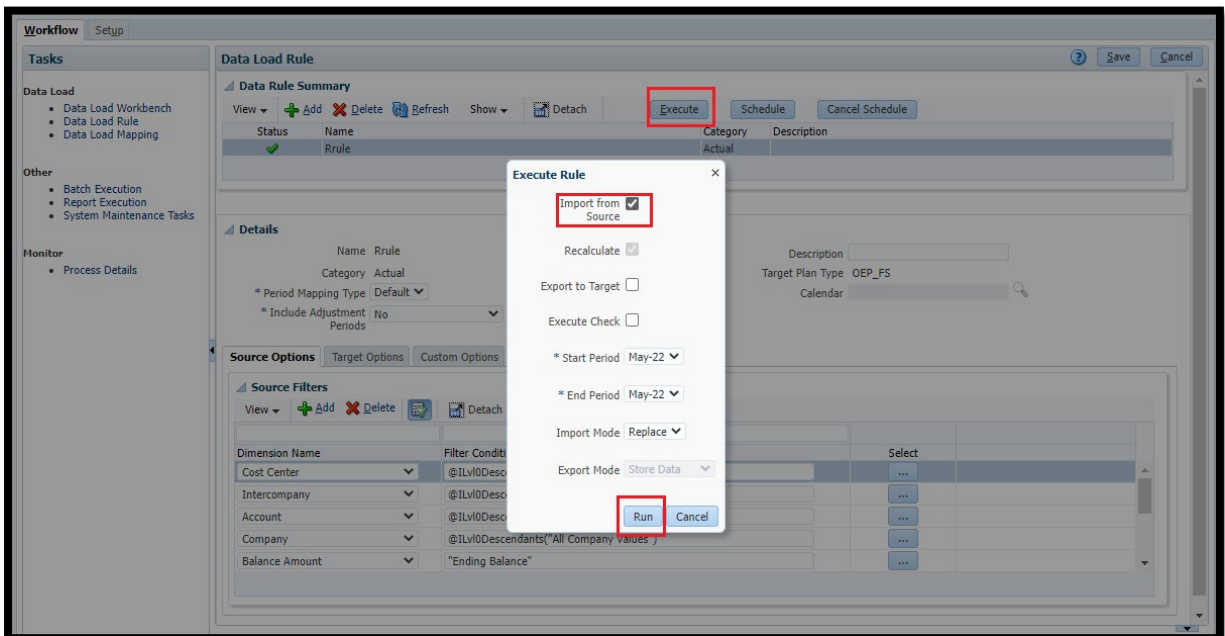**Step 29:** Select "Plan Element" then click on "like" in source type select (*), Target value as "OEP_Working"
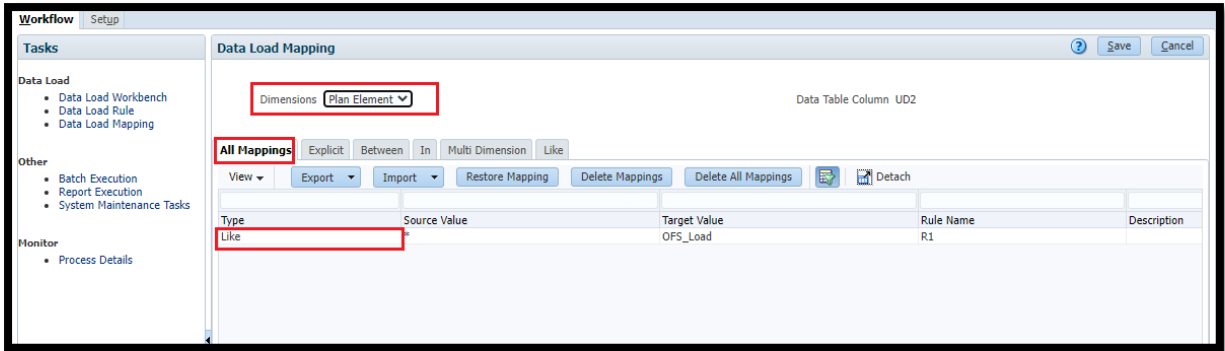
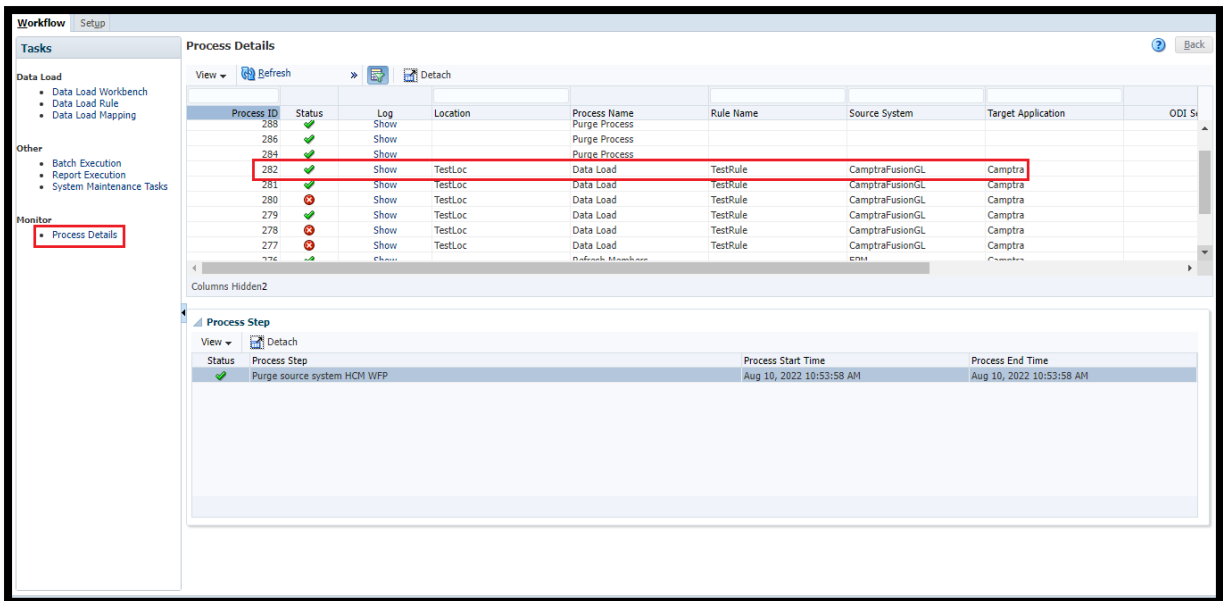**Step 30:** Like "Plan Element" we have to map "Version also".

Step 31: Again, go to "Data load Rule" then click on "Execute". Enable Check box "import from source" then click on Run.

Note: Make sure that your status should be Successful.

Step 32: Click on "Process Details", Make sure that your status should be Successful (under "status" green colour check mark would be appeared.
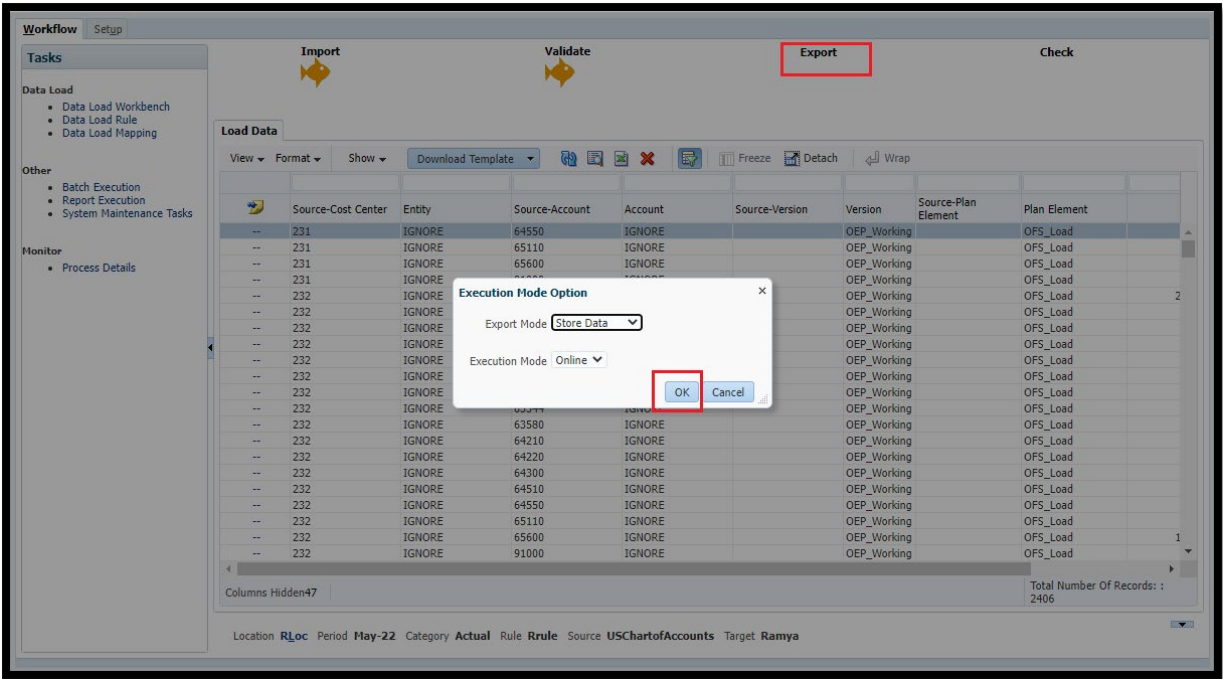
Step 33: Click on "Data Load Workbench", In "Load Data" we find weather the data is coming or not. If it is done success fully it should be highlighted with "Gold colour fish symbol"

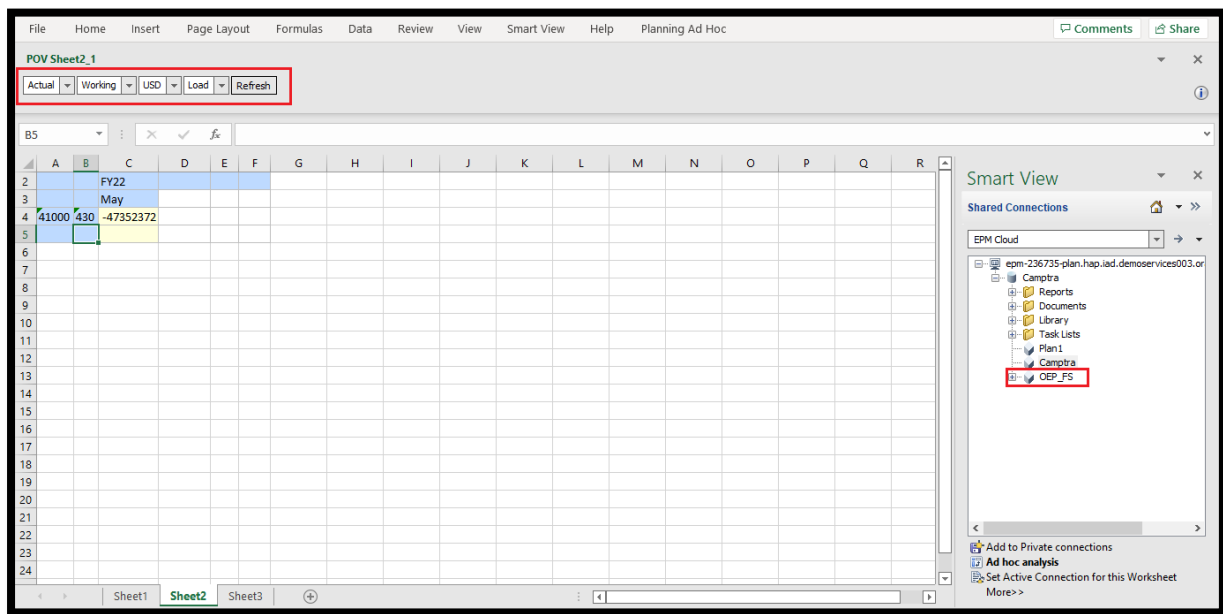**Note:** After importing Successfully, then only we will do export.
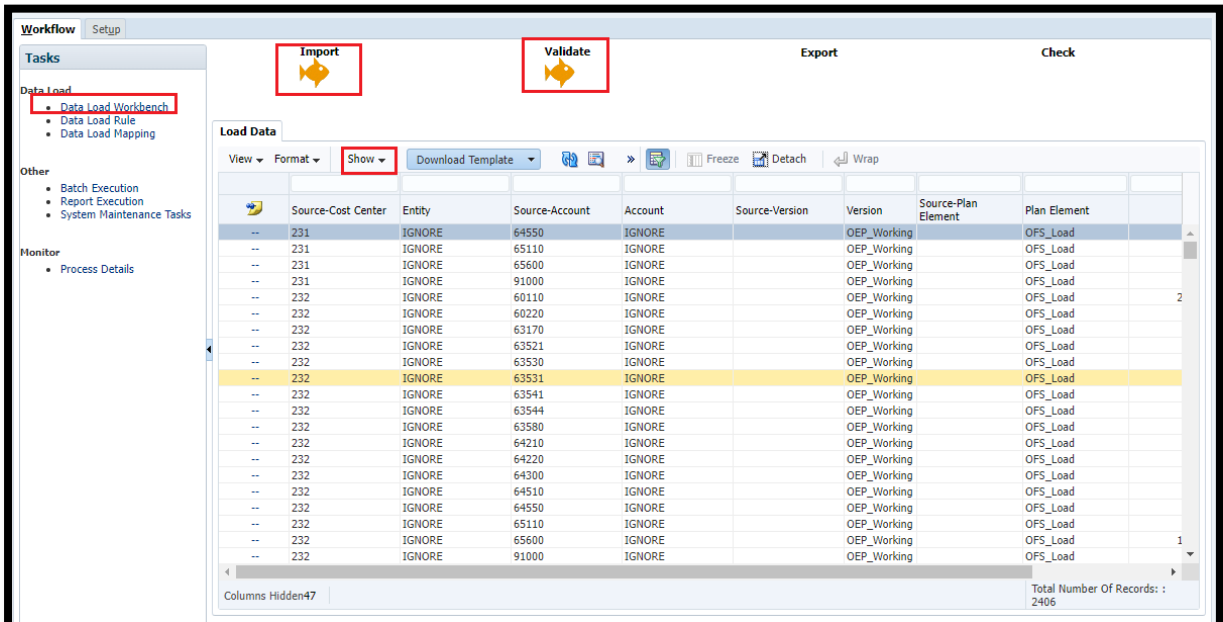
Step 34: Click on "export", then click "ok"

Step 35: Finally, "exporting also completed successfully"
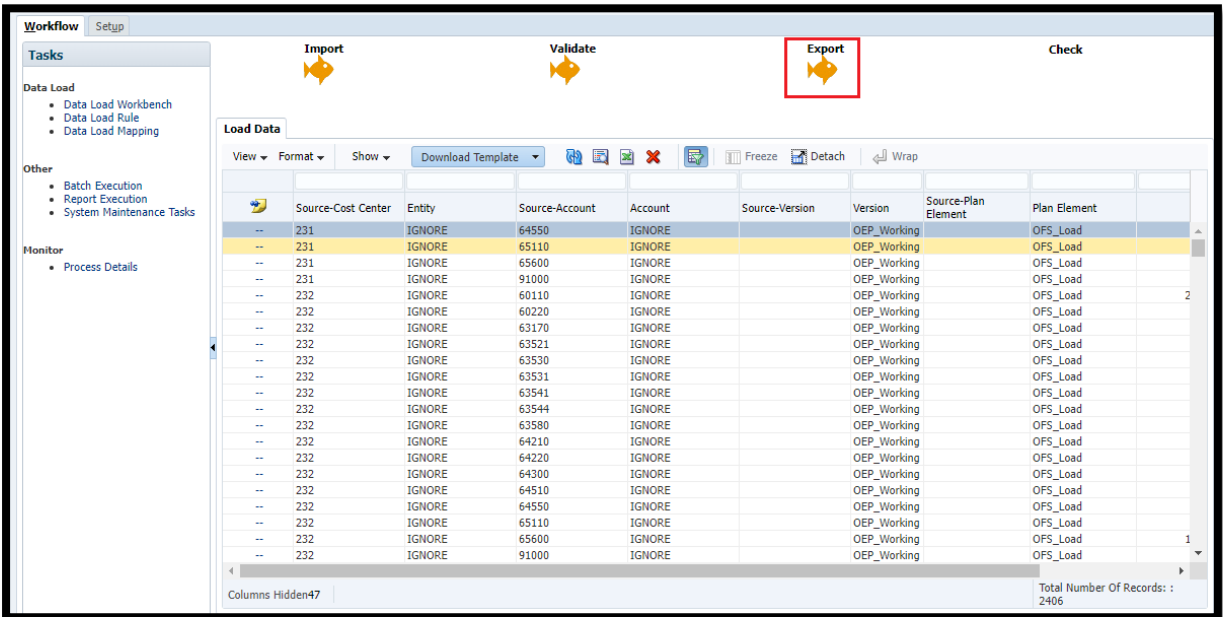
**Step 36:** Finally, we can see Data in our "Planning application".


Writing Back EPM Cloud Budget to the Budgetary Control

Prerequisite's:

ERP Fusion System Details.	
Oracle ERP Fusion URL	http://
Username	xxxx
Password	xxxx
Available periods for budgeting	xxxx
Budgetary control name	xxxx
Source Budget Type	xxxx
Integration User Privileges	GL_ENTER_BUDGET_AMOUNTS_FOR_FINANCIAL_REPORTING_PRIV
Integration predefined roles	General Accountant, Journal Management, Period Close Management
Integration user custom roles	GL_ENTER_BUDGET_AMOUNTS_FOR_FINANCIAL_REPORTING_PRIV

Step 1: Login into Application by entering Credentials i.e., Username and Password, when we Login into Application the following homepage of EPM would be displayed.
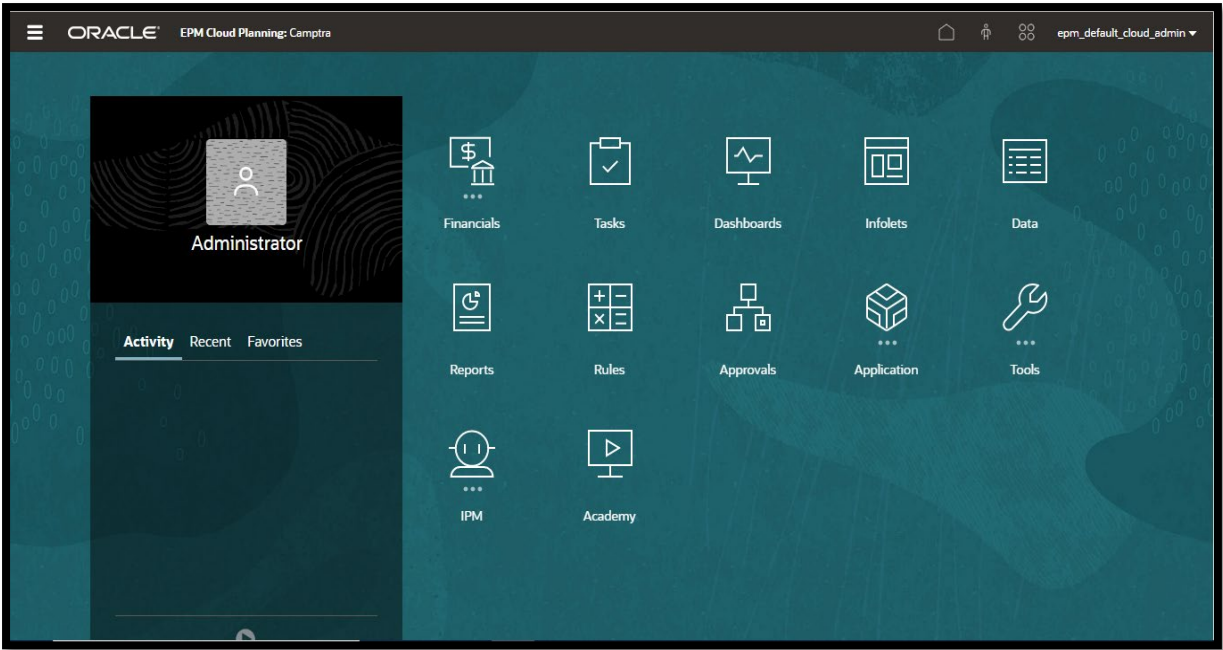
Step 2: Click on Global Navigator
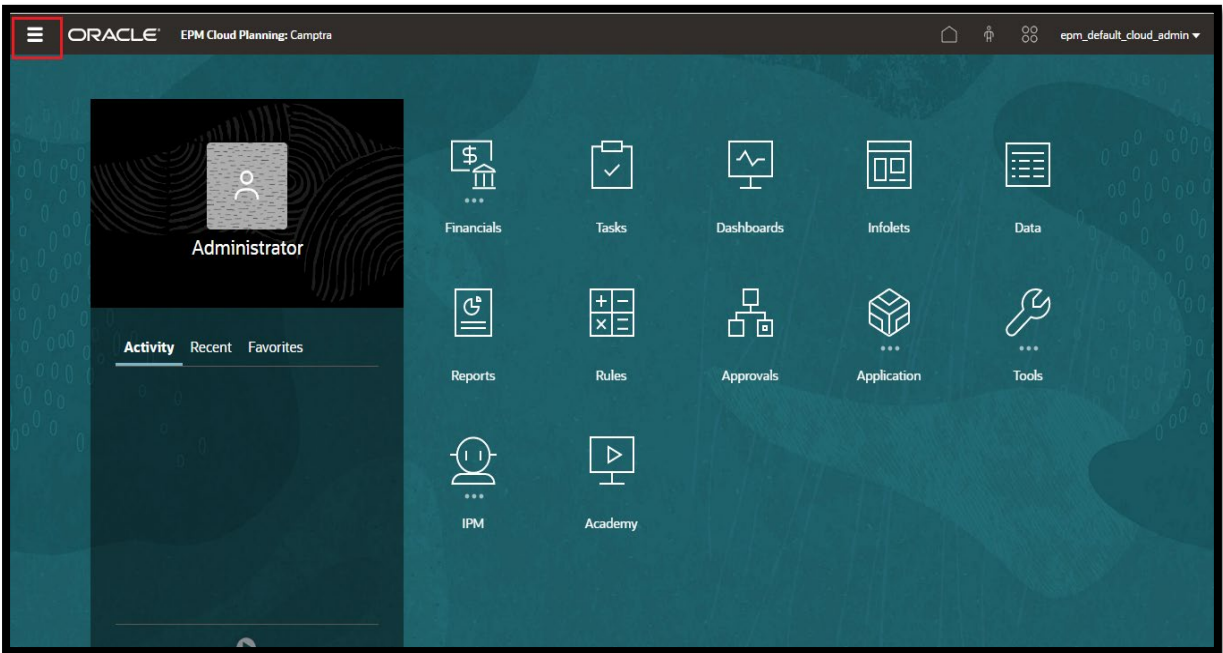

Step 3: Under Integration click on "Data Management"
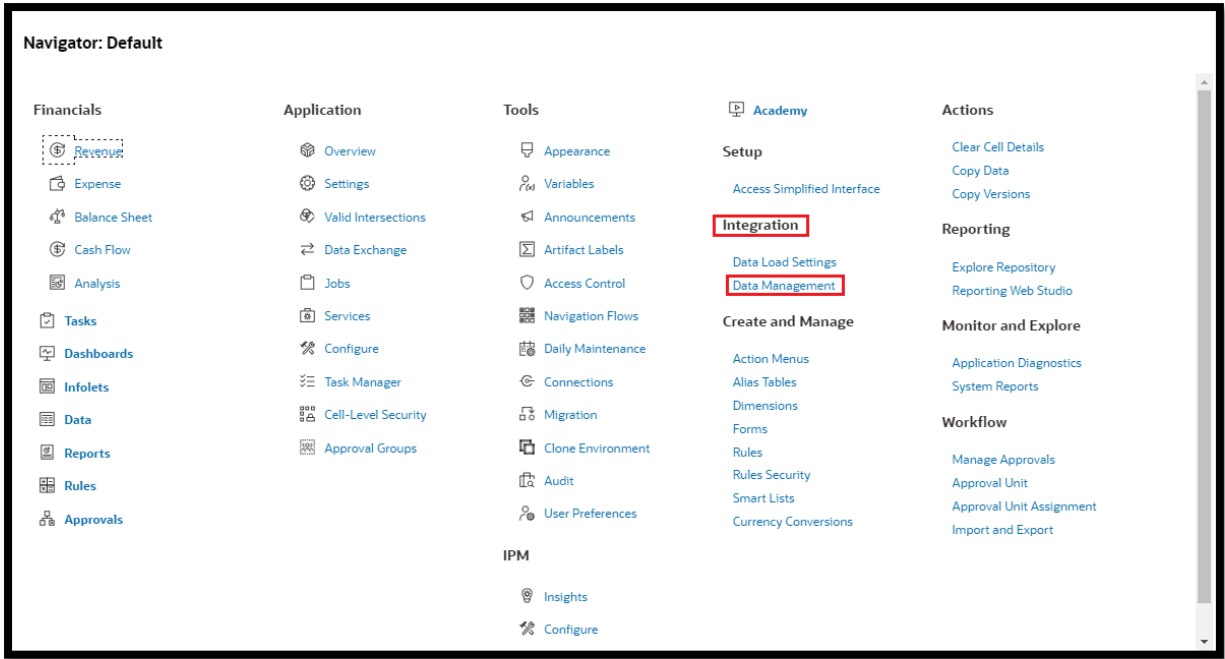
Step 4: The following page would be displayed, then click on "Setup" then click on "Source System" under "Register".
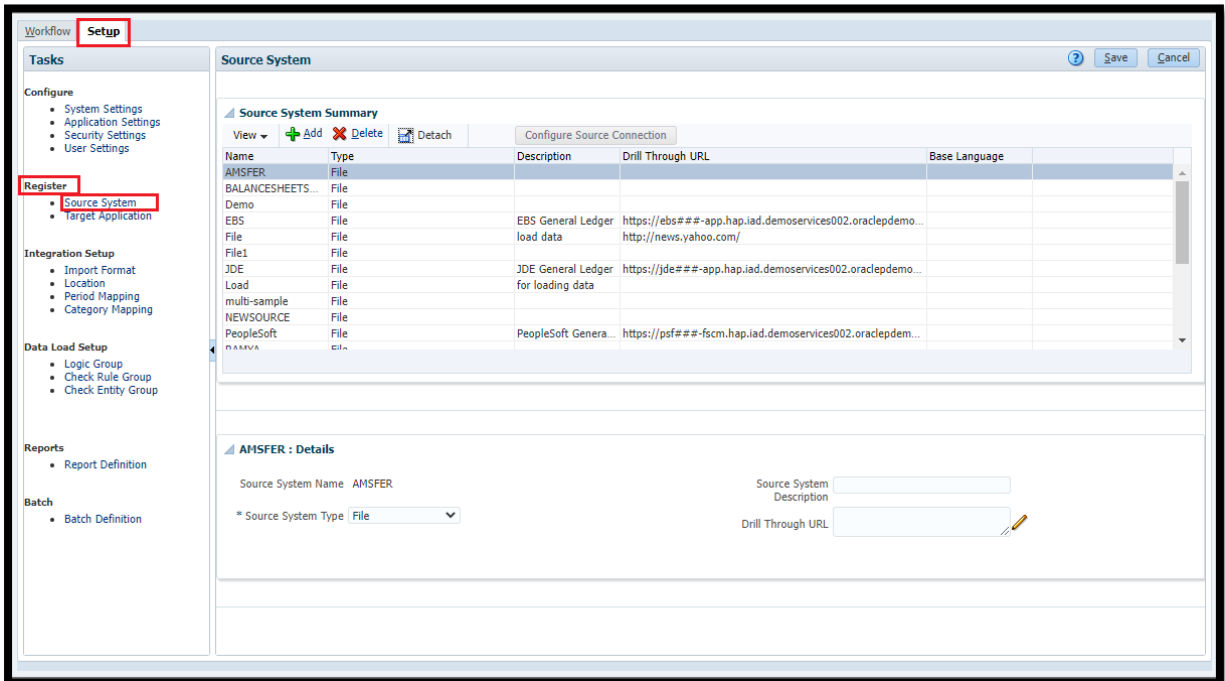

Step 5: In Source System Summary click on "Add", under "Details" Provide "Source System Name" and "Source System Type", after selection of Source System Type enable "Budgetary Control" check box then click on save.
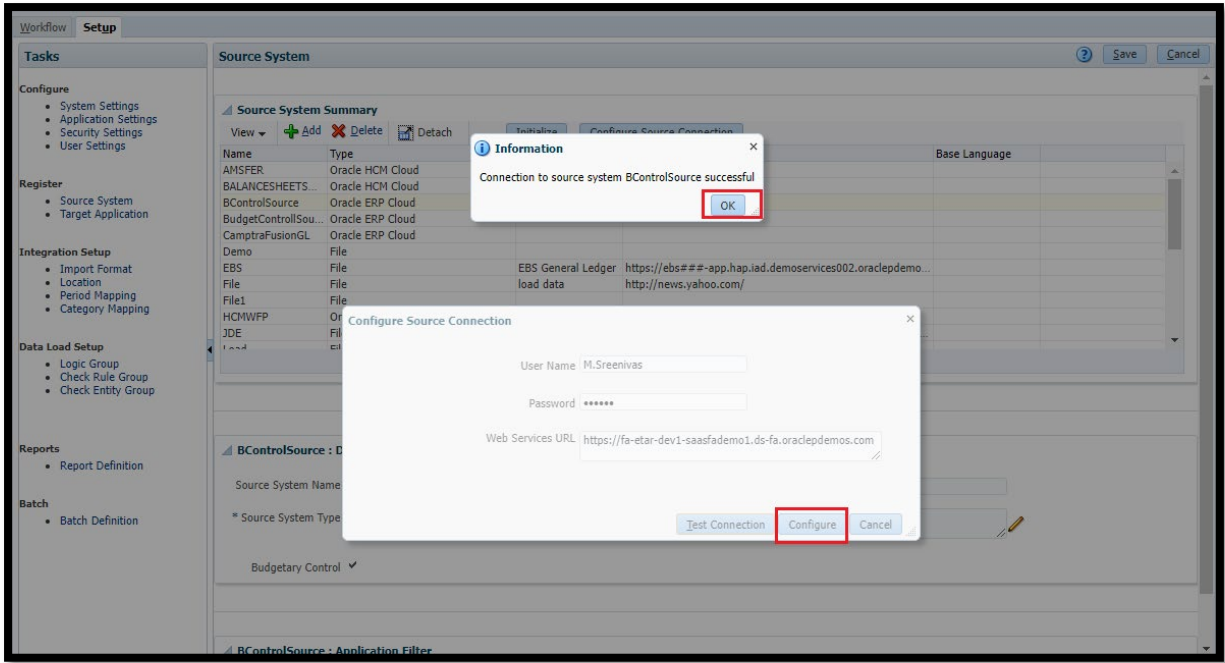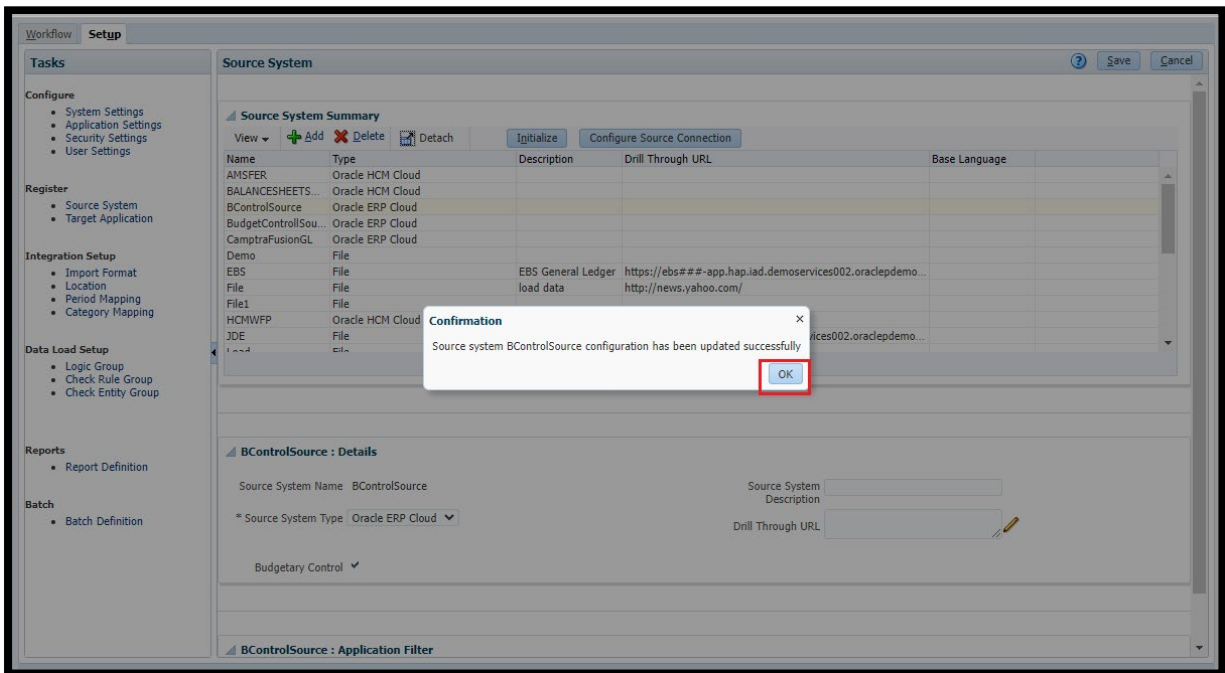
Note: Our Source system type should be Oracle ERP Cloud
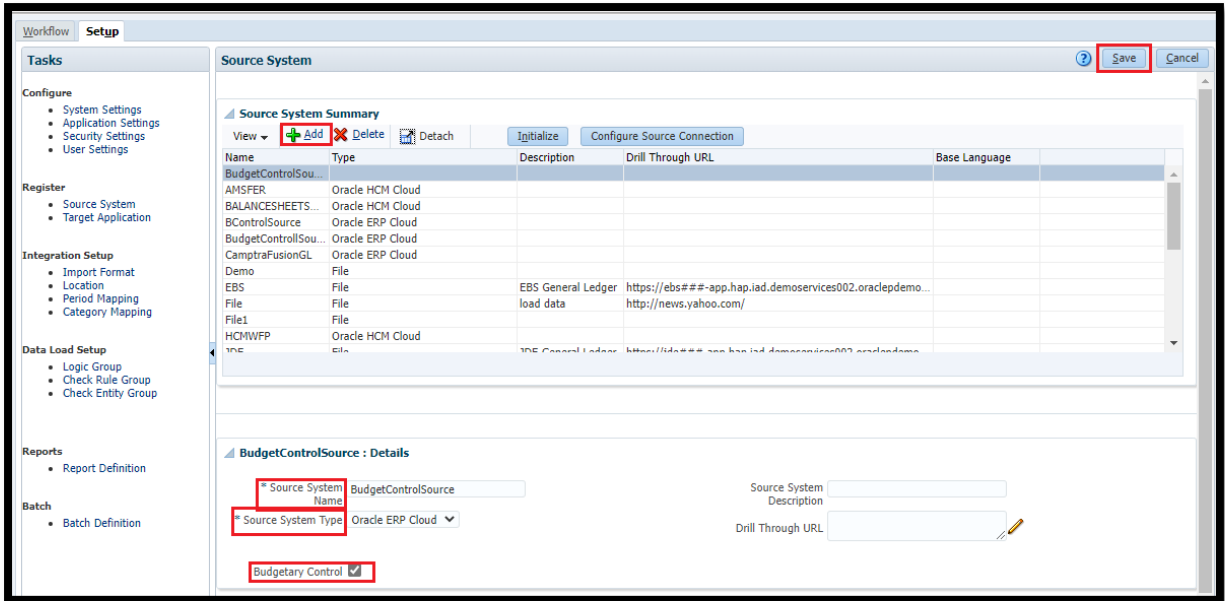
Step 6: In "Source System Summery" Select your Source System i.e., which we created now, then click on "Configure Source Connection", Provide the fusion UserName, Password, URL, then click on Test Connection
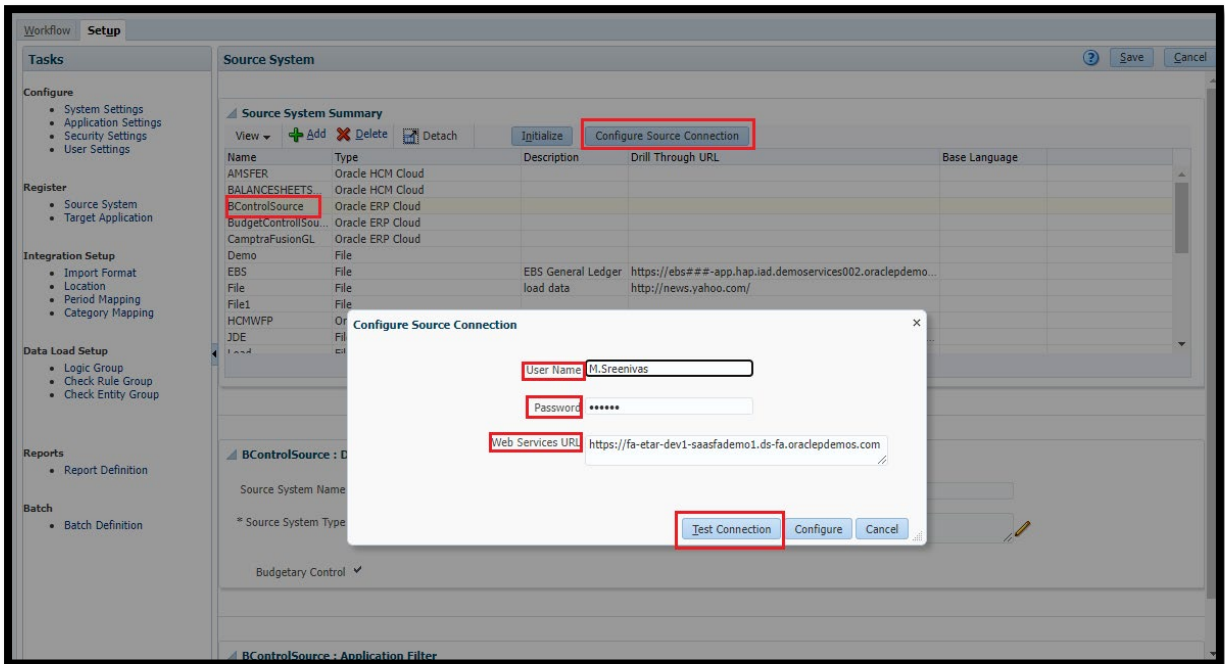
Step 7: Click on "OK", then click on "Configure"

Step 8: Click on ok.

**Step 9:** Click on "Initialize" then click on "OK"
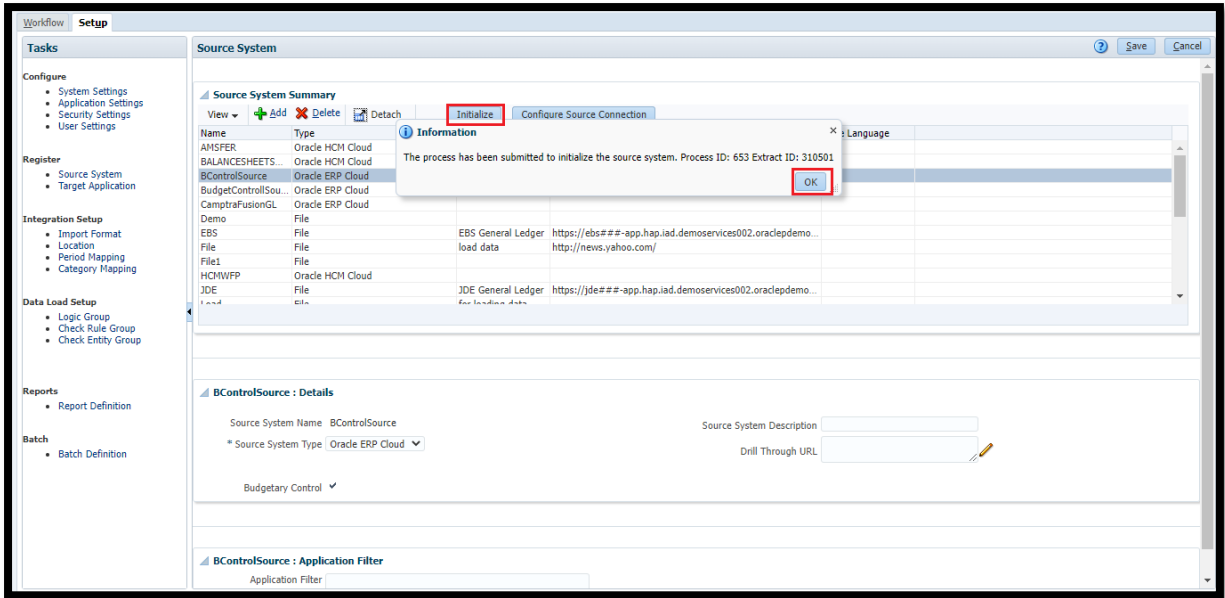
Step 10: in "Workflow tab" under "Monitor" click on "Process Details", hear we can see the status.

Note: Make sure that the status should be appear in green colour check mark, that means it completed successfully
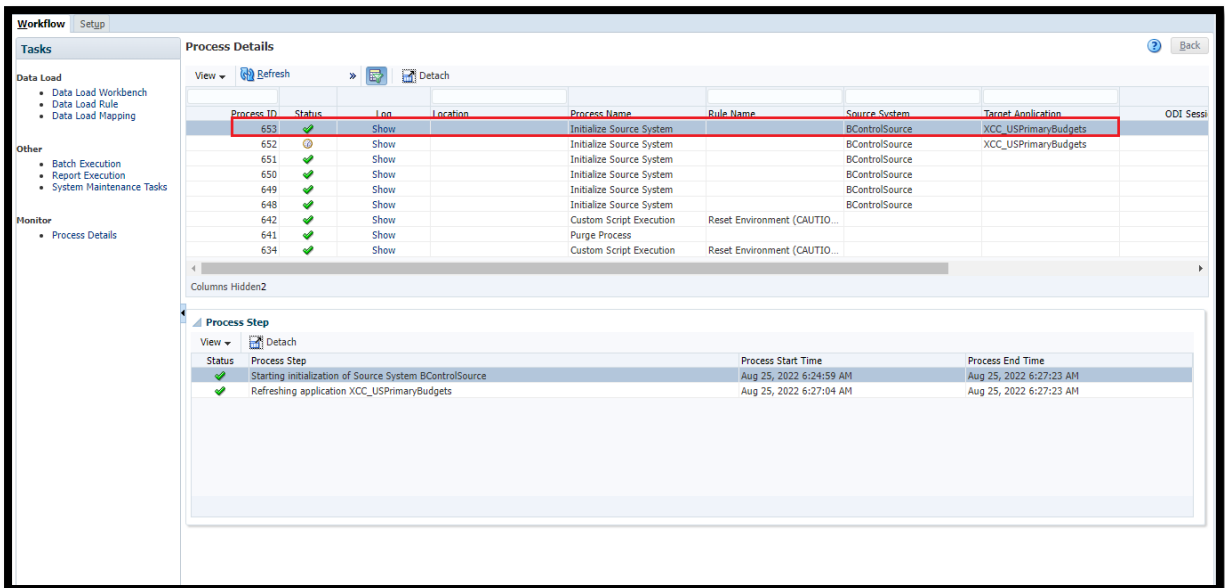
Step 11: Go to the Setup tab, click on "Target Application". Find your target application in "Target Application Summary" then click on "Refresh Metadata" and "Refresh members"
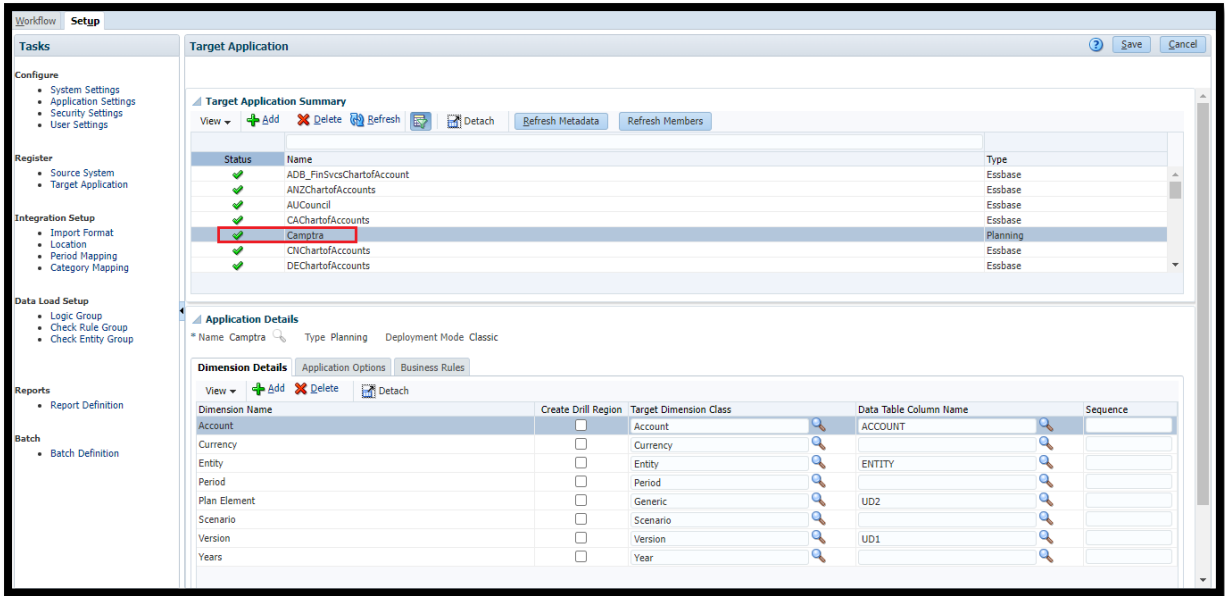
Step 12: Under Integration Setup click on "Import Format", In Import Format Summary click on add, under Details provide "Name", "Source" and "Target", In source select your planning application, in Target select your Budgetary Control, then click on save.
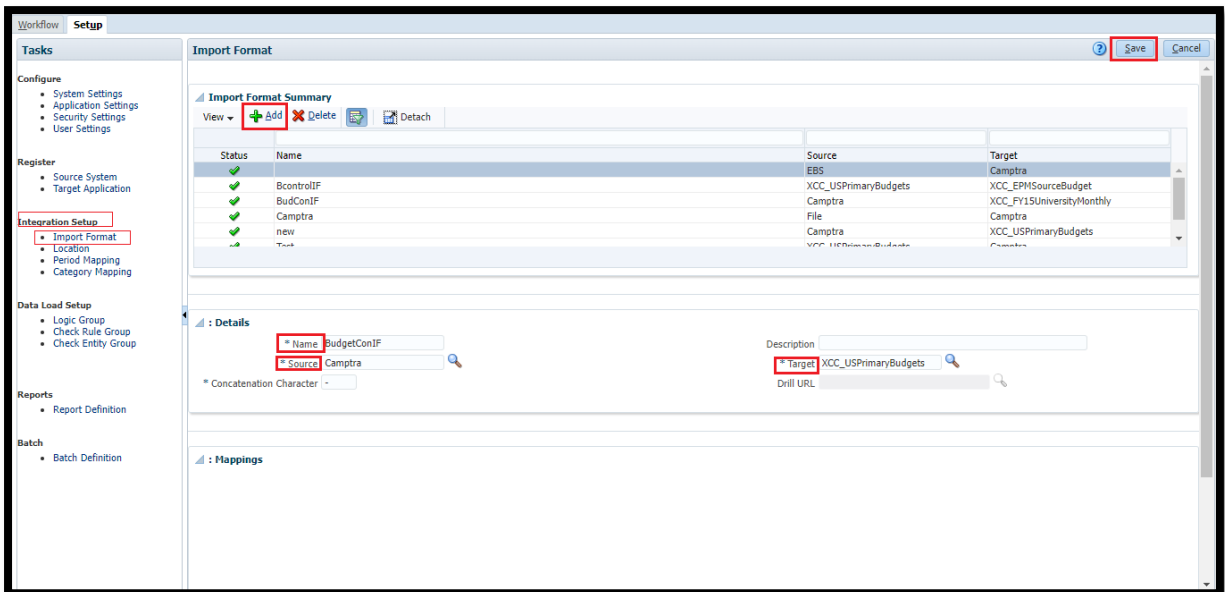
Step 13: In Import format under Mappings, you should map all the necessary mappings

For example, for Account dimension, you must select Account in "Source Column" then click on "Save"

Step 14: Under Integration Setup click on Location, Select Target Application, then click on Add, under Details provide Name, select Import Format once you're selecting the import format then we will automatically get Source and Target then click on save.
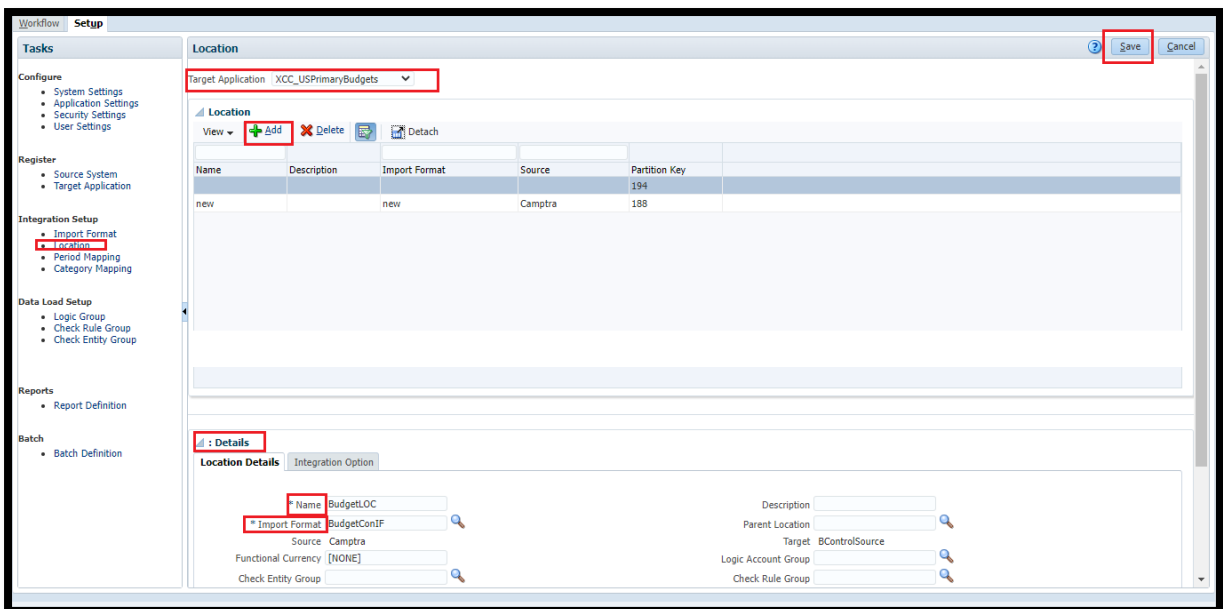
Step 15: Under Integration Setup click on Period Mapping then click on Application mapping, find your financial year then which period you want to push the data.

Note: Click on that period and make sure that the period name should be same as to your planning application period name if it is same then click on save otherwise rename your period name as your planning application period name then click on save.
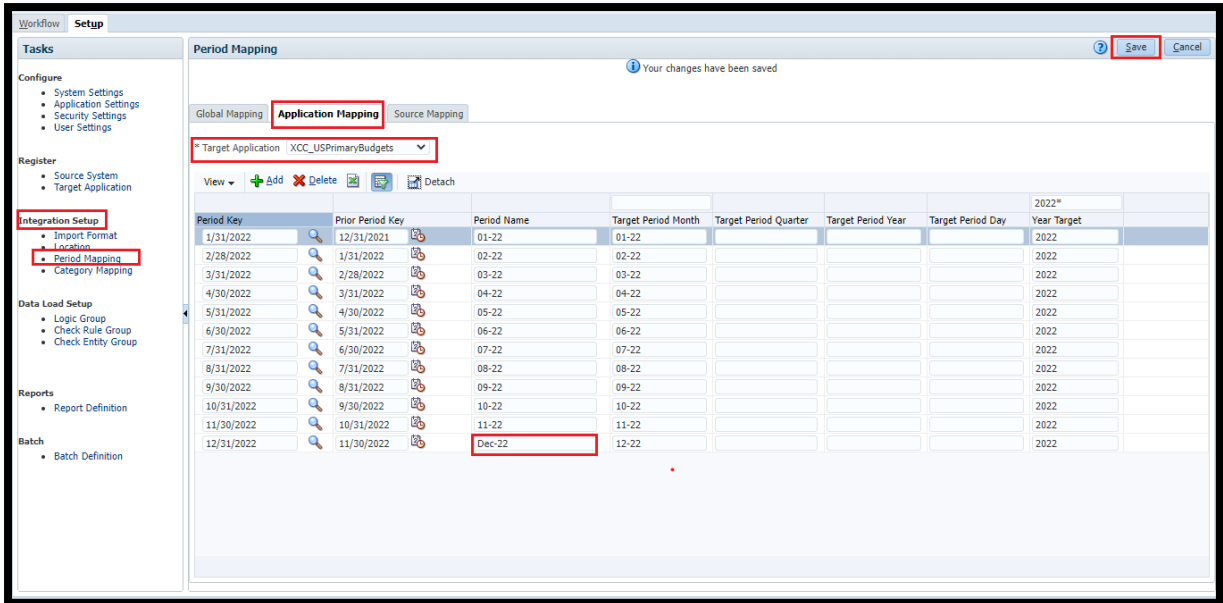
Step 16: In "Target Application" Select your source application then click "Add", select Budget period key (for which month you want to push the budget data), provide "Target period month" and "Year Target"
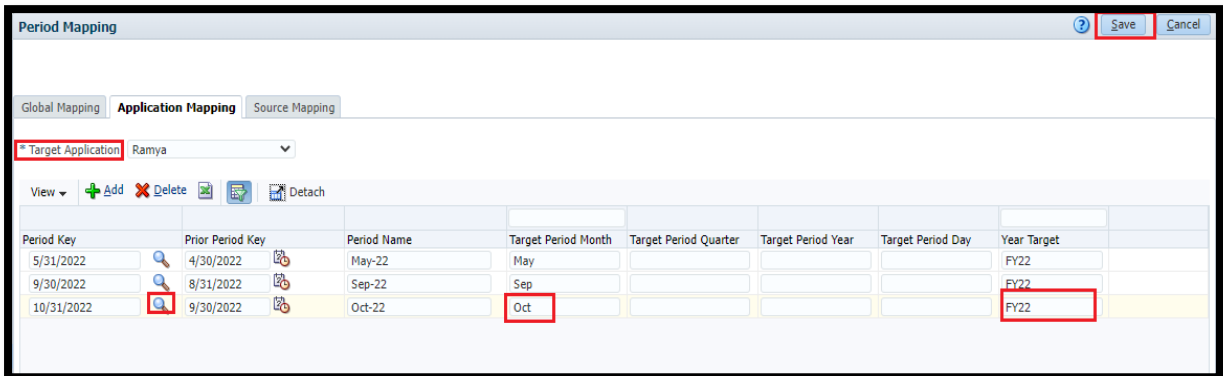
Step 17: Click on Source mapping, select "Source System"," Source Application", "Target Application", then click on "Add" select your "Source period key", "Target period key" then click on "Save"
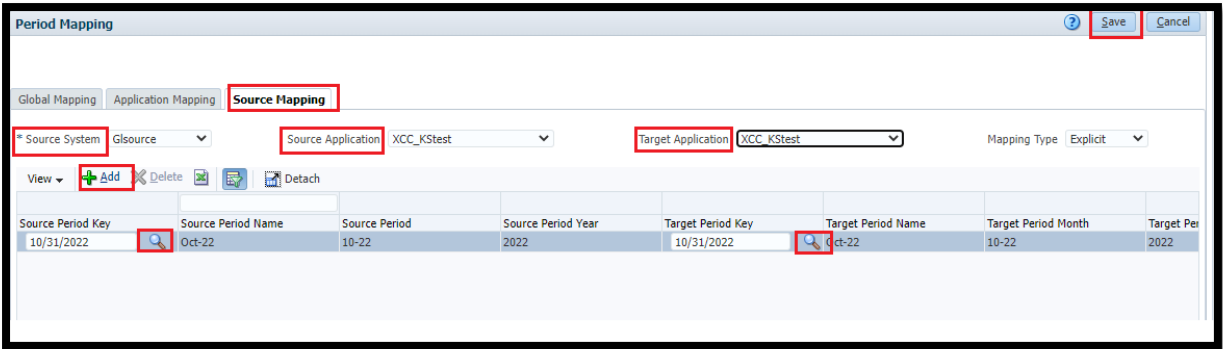
Step 18: Under Integration Setup click on "Category Mapping", then click on global mapping, then click on "Add" provide your "Category" and "Target Category", then click on save.
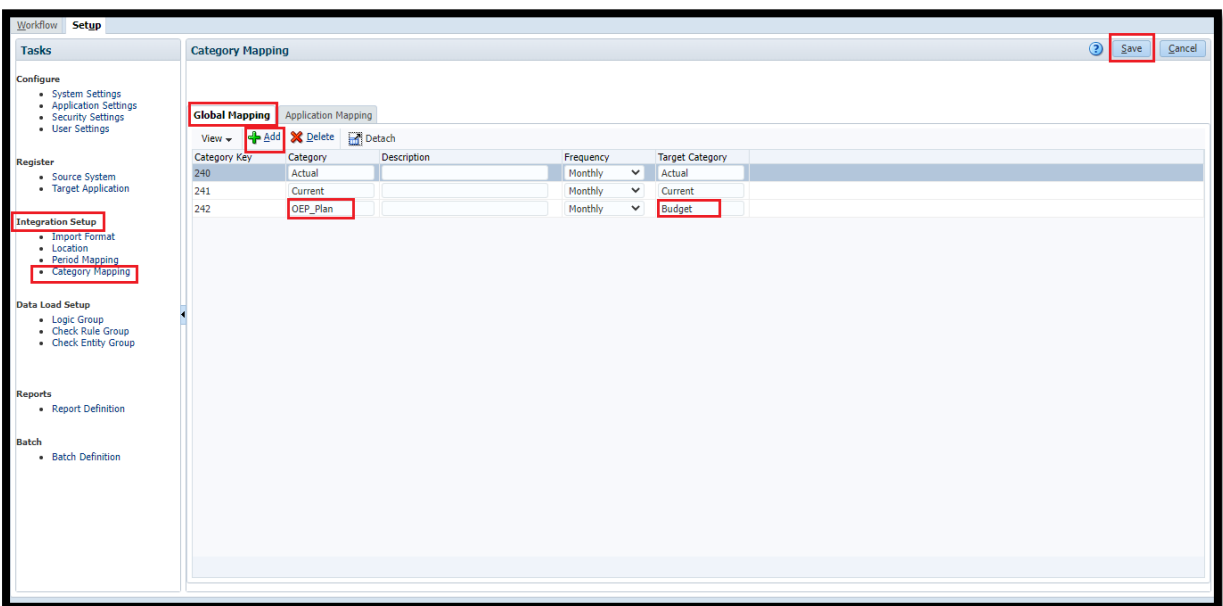
Step 19: Under "Data Load", click on location, select Location, period, category then click on "Ok"

Note: Make sure that you are in correct in **pov** or not
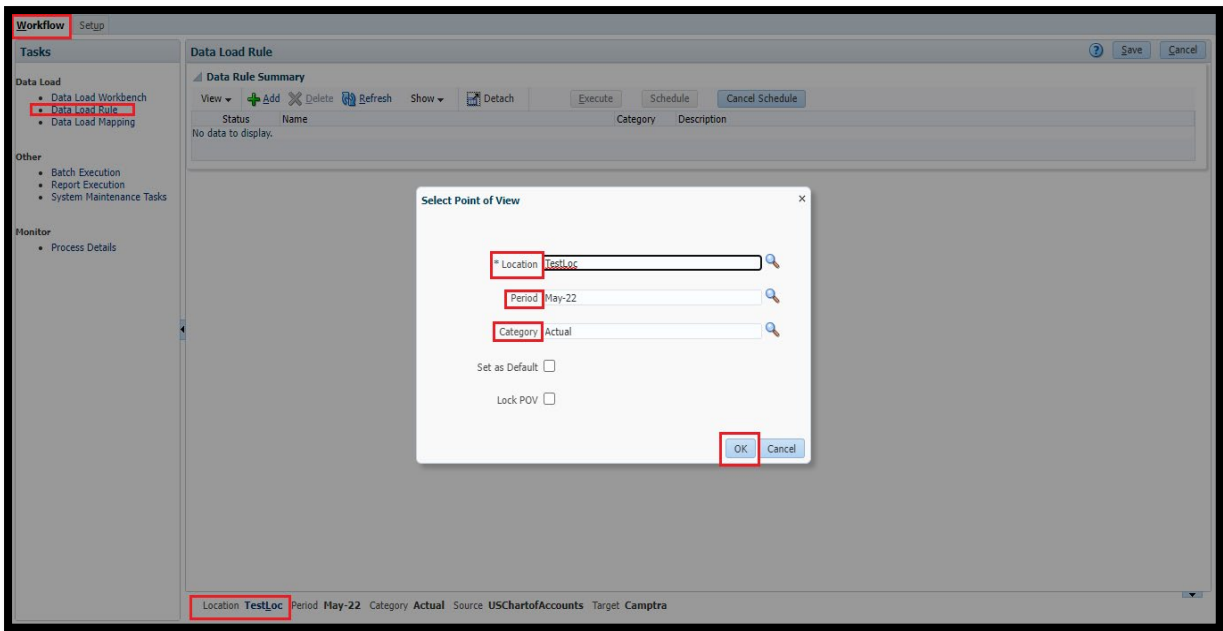
Step 20: Click on "Add", provide "Name", select "Category", "Period mapping type" and "Source type". Under source filter click on "Add" Select Dimension "scenario", "in filter condition" select your plan scenario member then click on save.
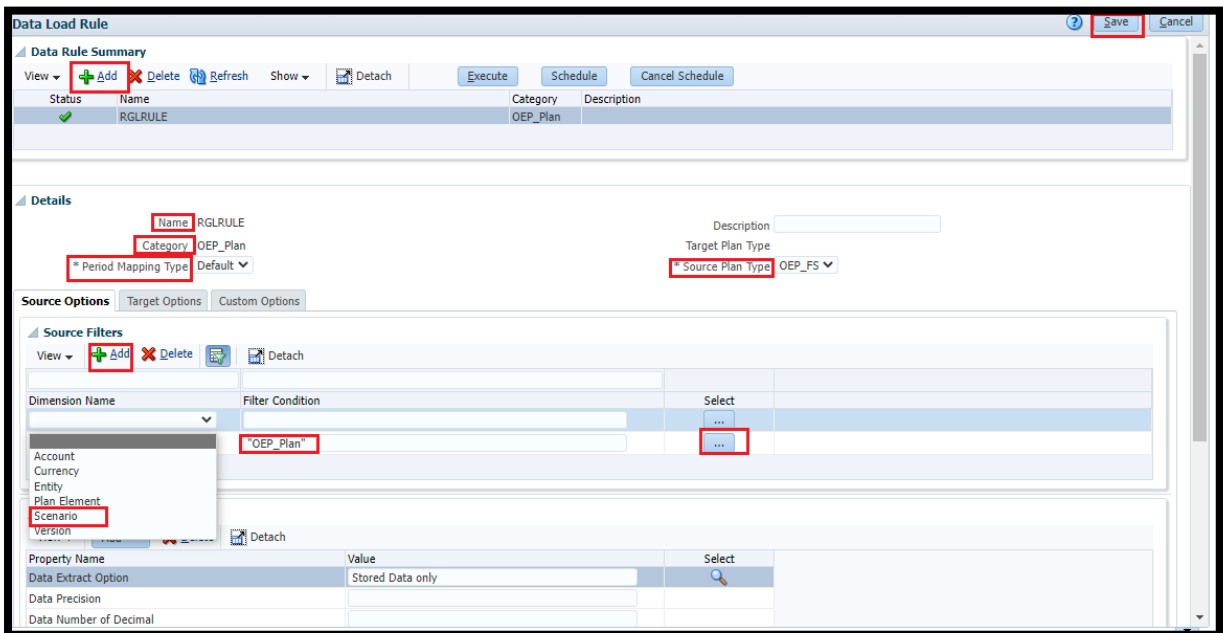
Step 21: Click on "Target options", select "Source budget type "as "Hyperion planning" click "ok" and "Save"
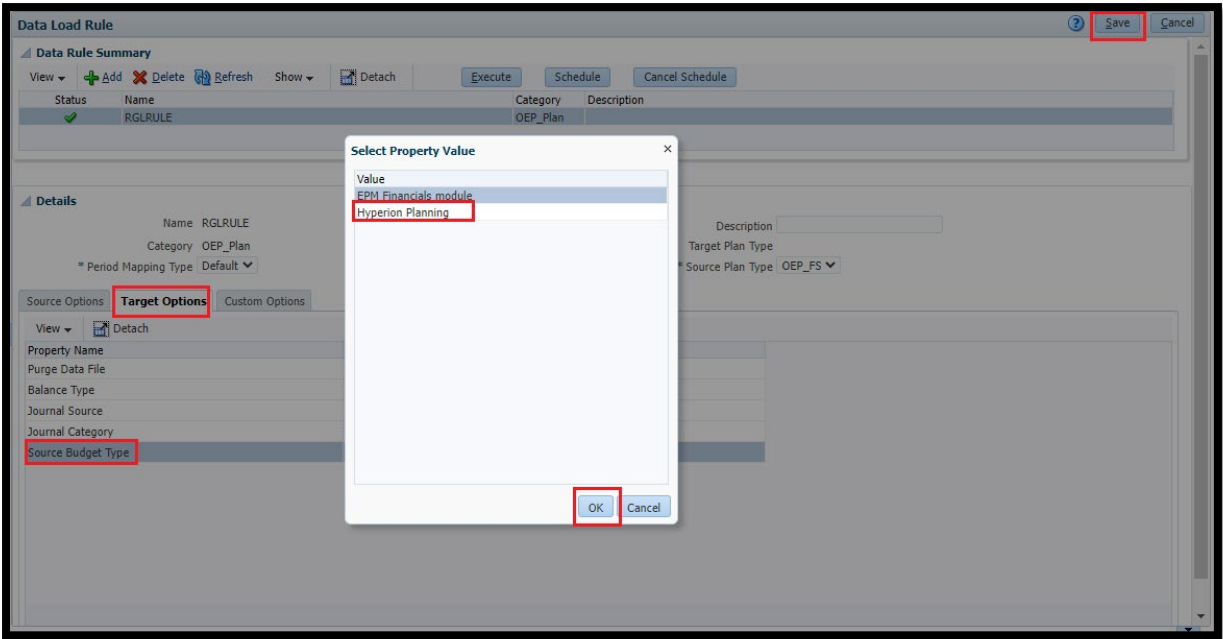
Step 22: Under "Data Load" click on Data Load Mapping, select Dimension from the drop-down list,
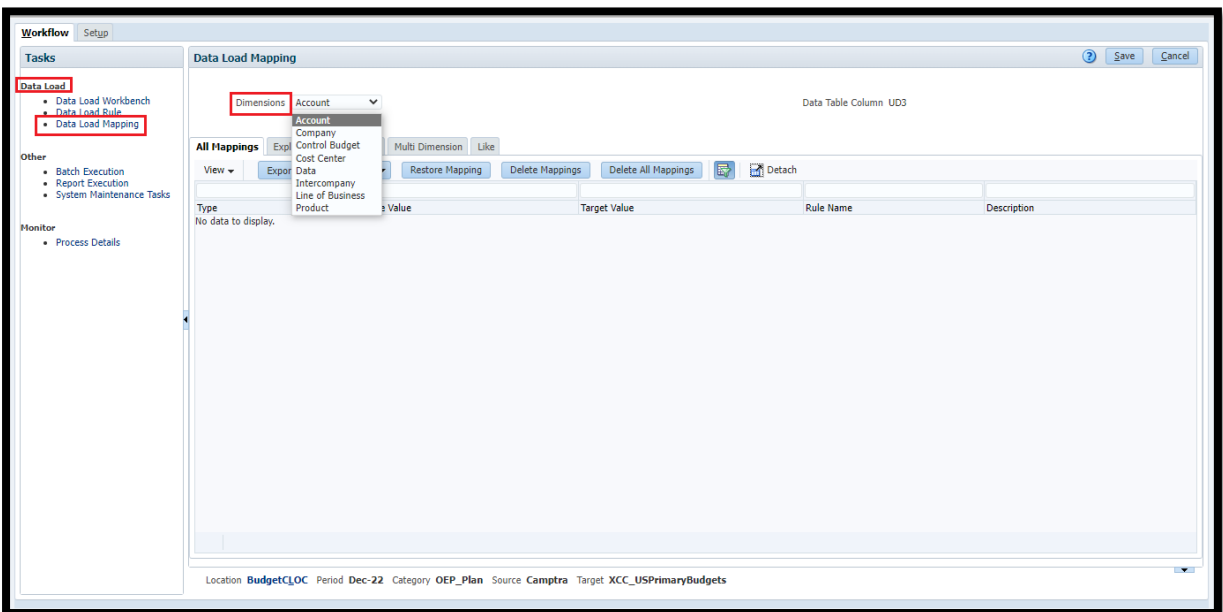
Step 23: Click on "Explicit", click on "Add", Select "source" and "target" click on "save" like this we have to map for remaining dimensions.

Note: for Budgetary control we must map with our version member
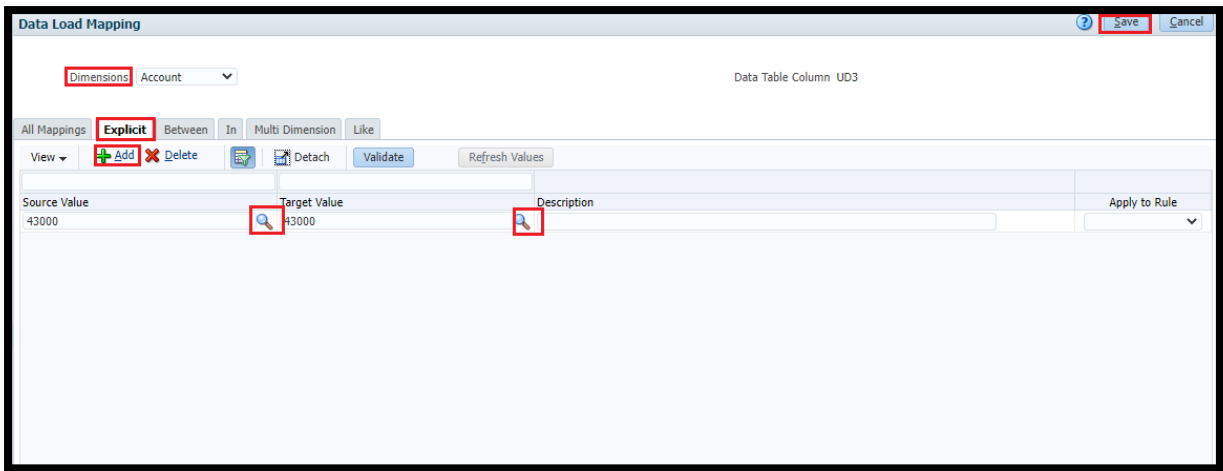
Step 24: Click on Execute, enable check box "Import from Source", then click on run.
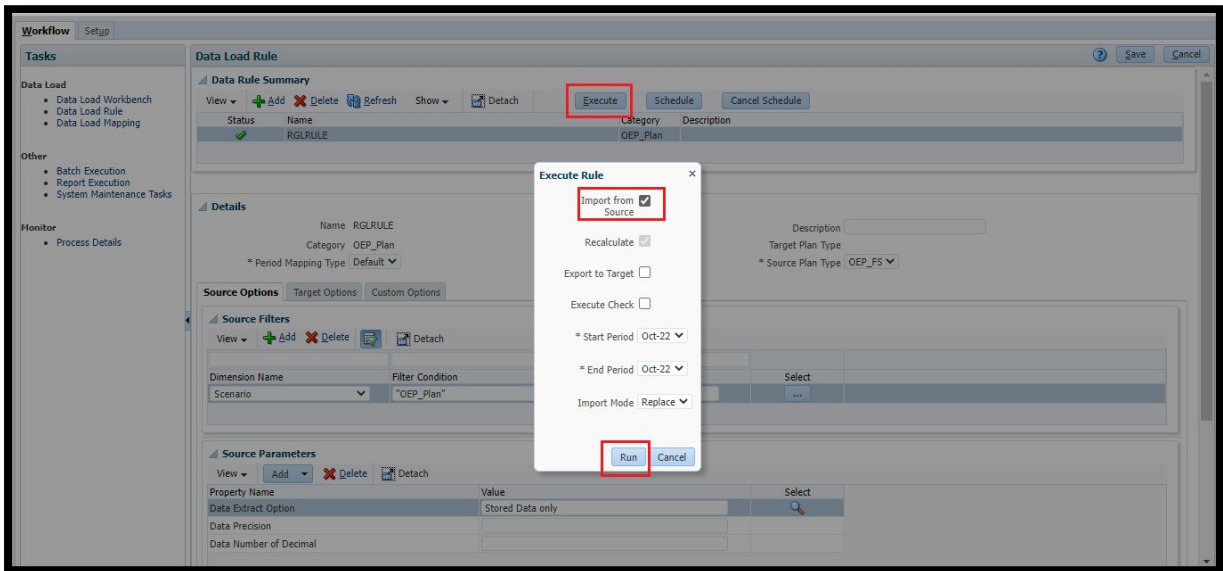
Step 25: See status in Process details "make sure your status would be successful" it appears in green colour check mark.
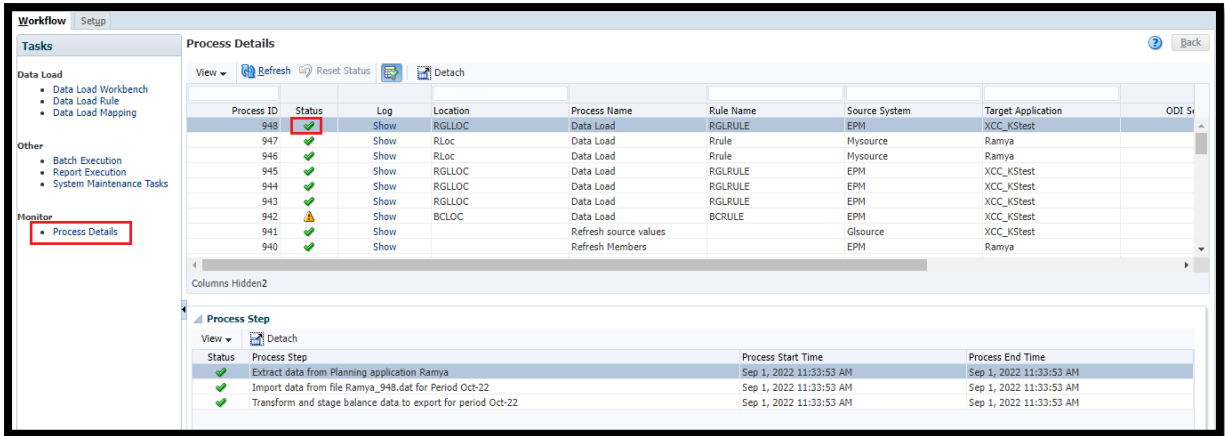
Step 26: under Data Load Click on Data Load Workbench, here we can see our imported data.
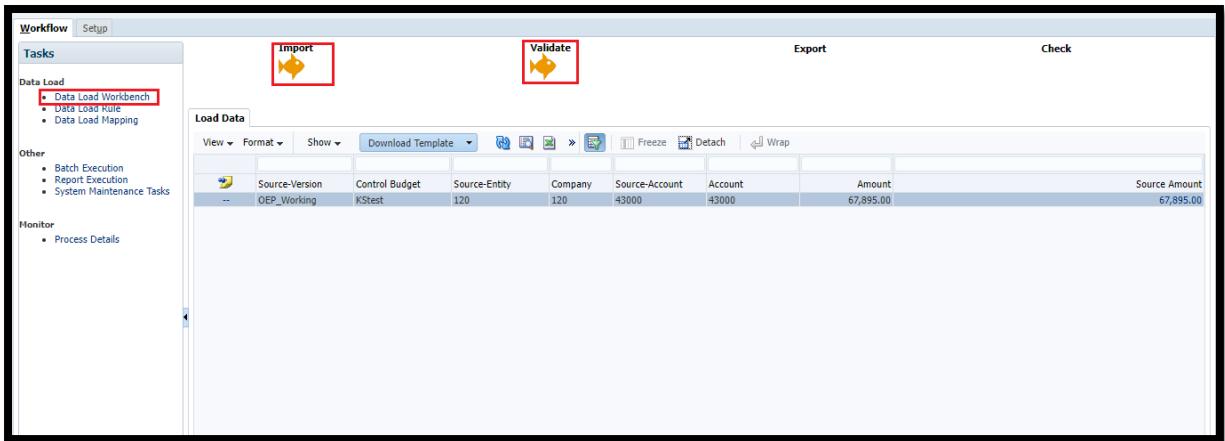
Step 27: Click on export and click on ok.
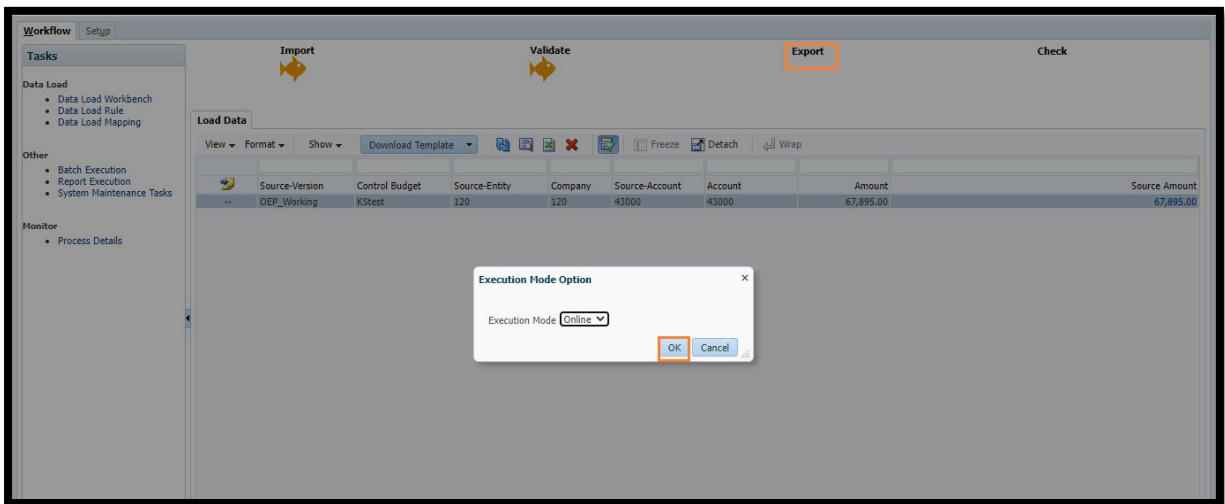
Step 28: Log in to your oracle ERP cloud fusion system, the home page of fusion system should be displayed as below

Step 29: click on Global navigator
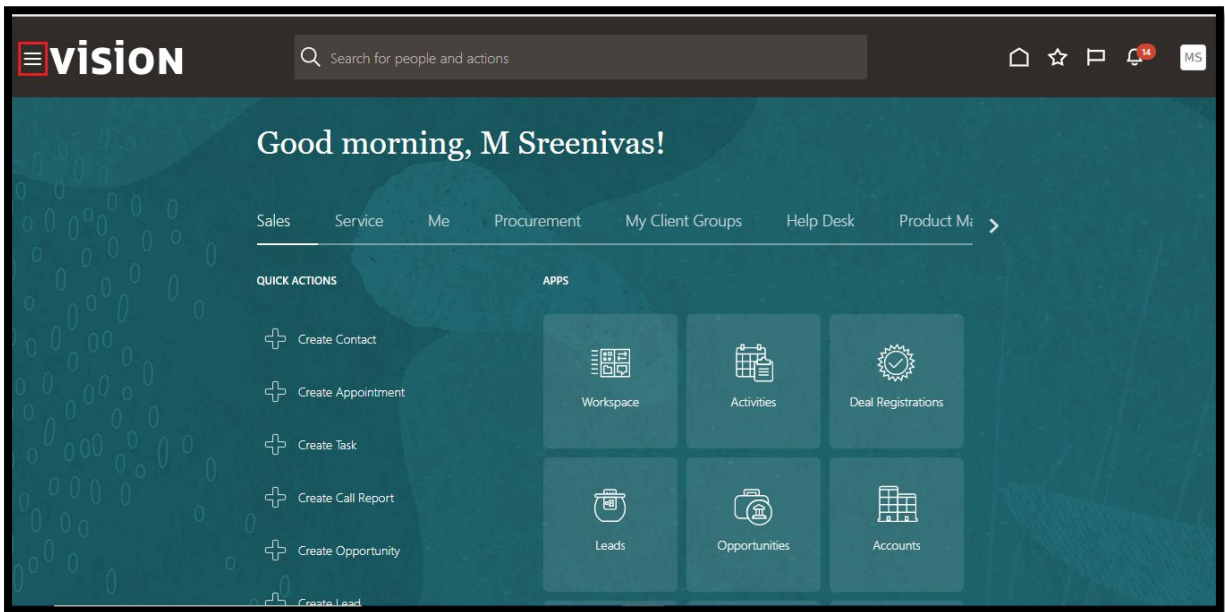
Step 30: Find "Budgetary Control", click on "^", then click on "Budgetary Control"
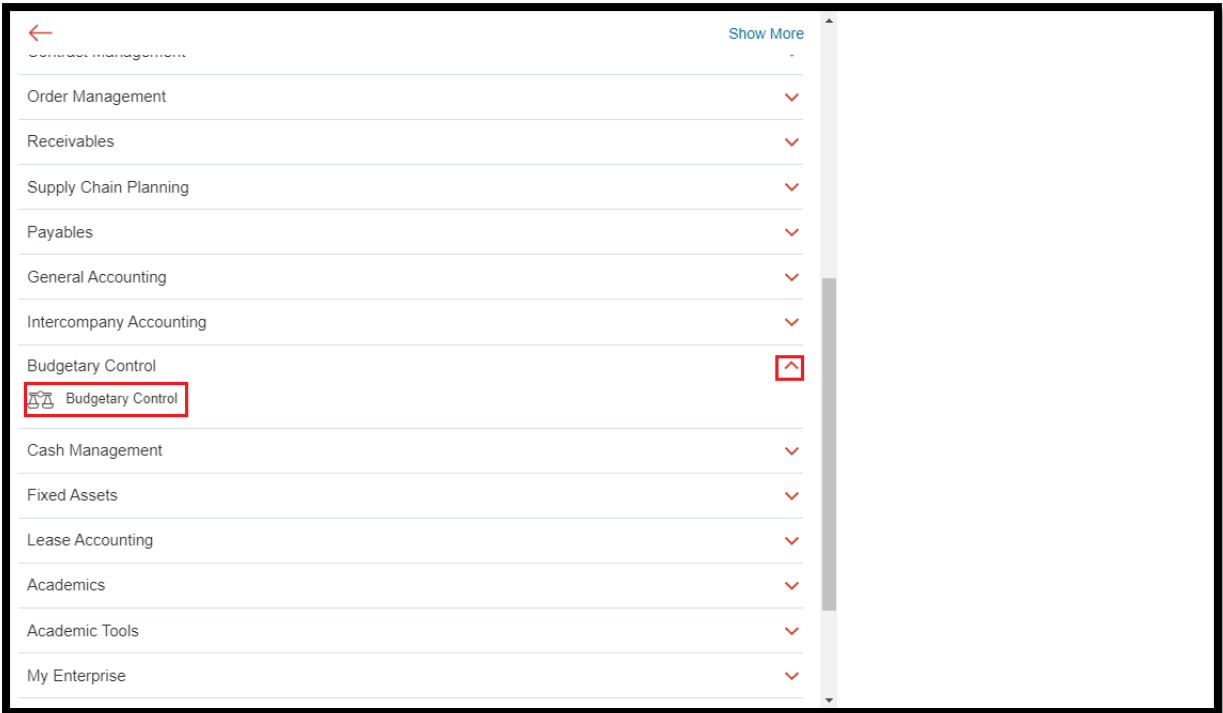
Step 31: Click on "Tasks"
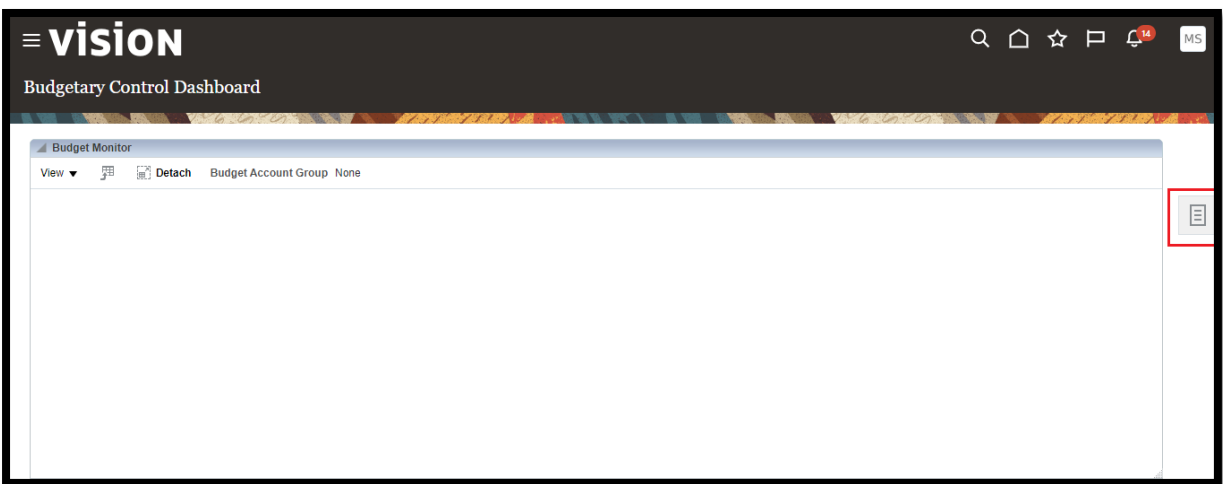
Step 32: Click on "Review Control Budgetary Balances"
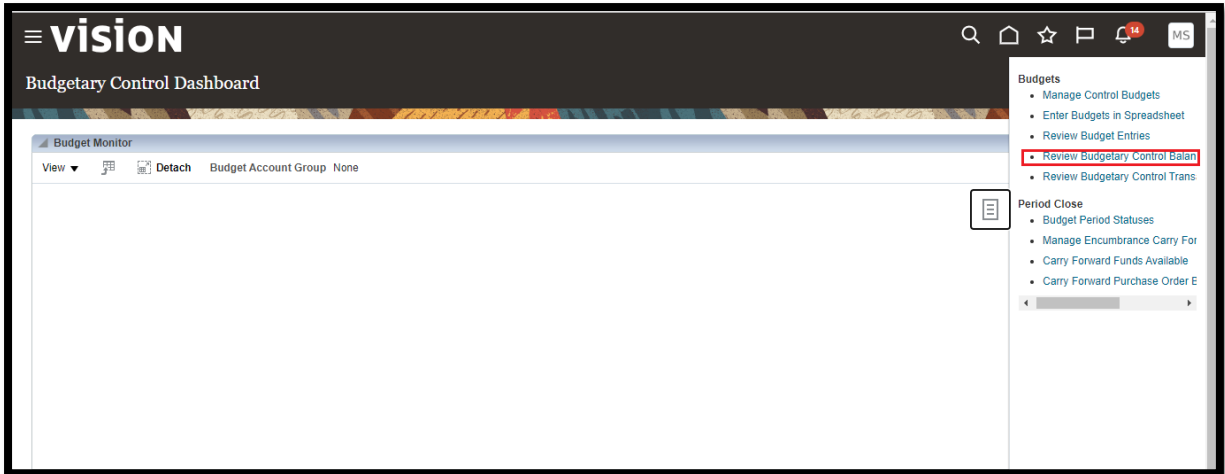
Step 33: Select "Control Budget", "From Budget period", "To Budget period", "Company", "Account" then click on "Search"
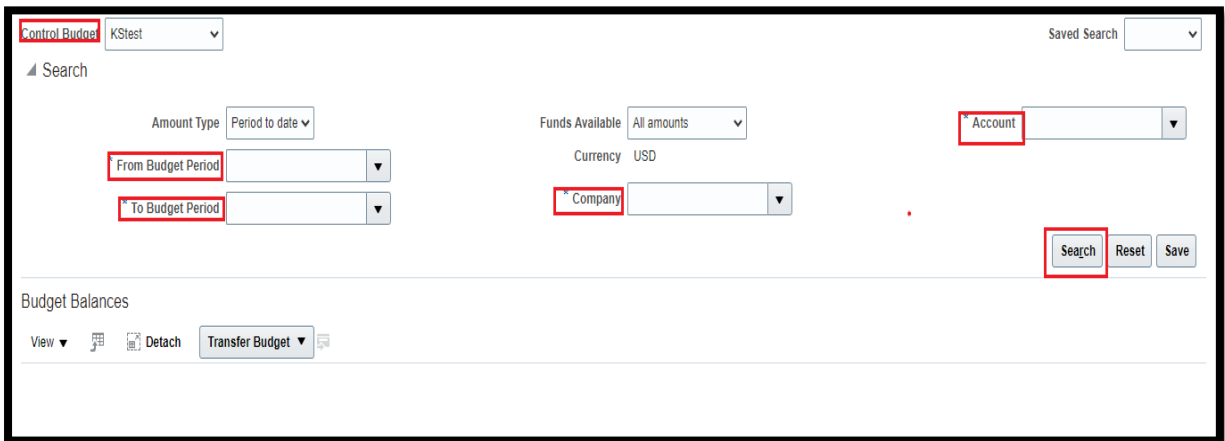
Step 34: For example:

Step 35: Finally, we can see the data in oracle ERP Fusion system.

Configurations for Budgets from ERP Side

Setups:

1. **Enable budgets options at Ledger level**
2. **Create Budget calendar**
3. **Creating control Budgets**
4. **Roles and Data access**
5. **Opening calendar periods**

1. Enable budgets options at Ledger level

Navigation: Setup and maintenance>Manage budgetary Control> Search for your ledger and select your ledger from the results and enable like below

2. Create Budget calendar

This is not mandatory you can use existing calendar. If you want to use different (Physical to accounting) calendar for budget you can create new one.

Navigation: Setup and maintenance> Manage budget calendars> +

Give basic details like below and enable Budgetary controls only so that it can be used only for budgets not for regular activities from GL side.

Click on next and give start and end dates and Year

If you want to add one more year after giving the details for this year. You will see the "Add Budget year" click on that.

3. Creating control Budgets

Navigation: Setup and Maintenance> Manage control budgets > + Give details like below

Give the name, select your budget calendar which you created and select From period to To period from your calendar.

Source budget type should be "Hyperion Planning"

Give budget segments if you want. This is not mandatory.

Save and go to actions click on 'Prepare for use'.
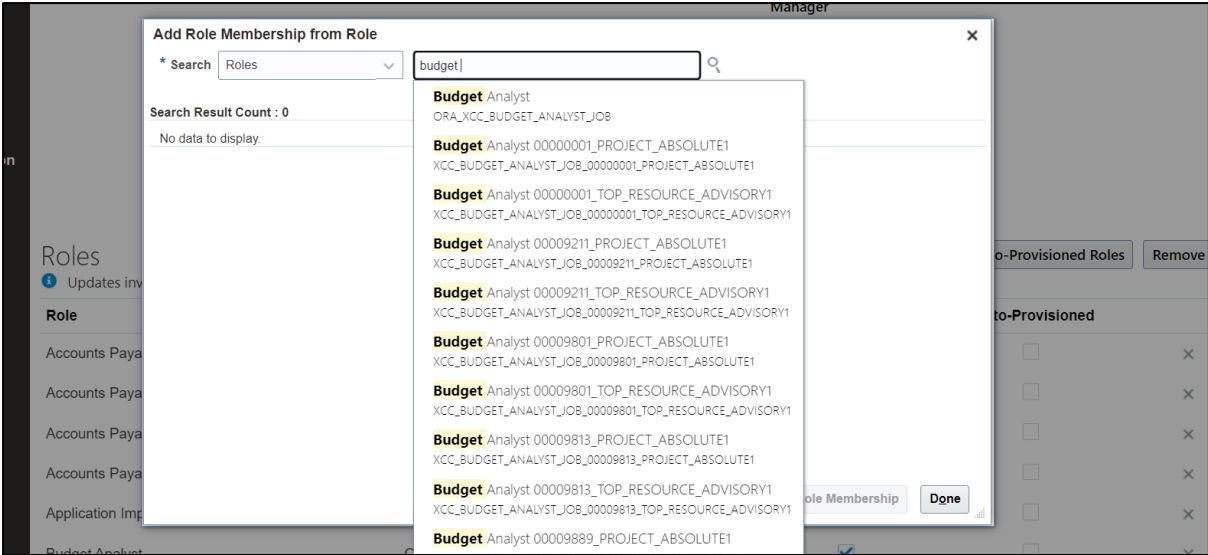
Status should be "In use". And we can check the same in schedule process.

4. Roles and Data access

Roles to be given:
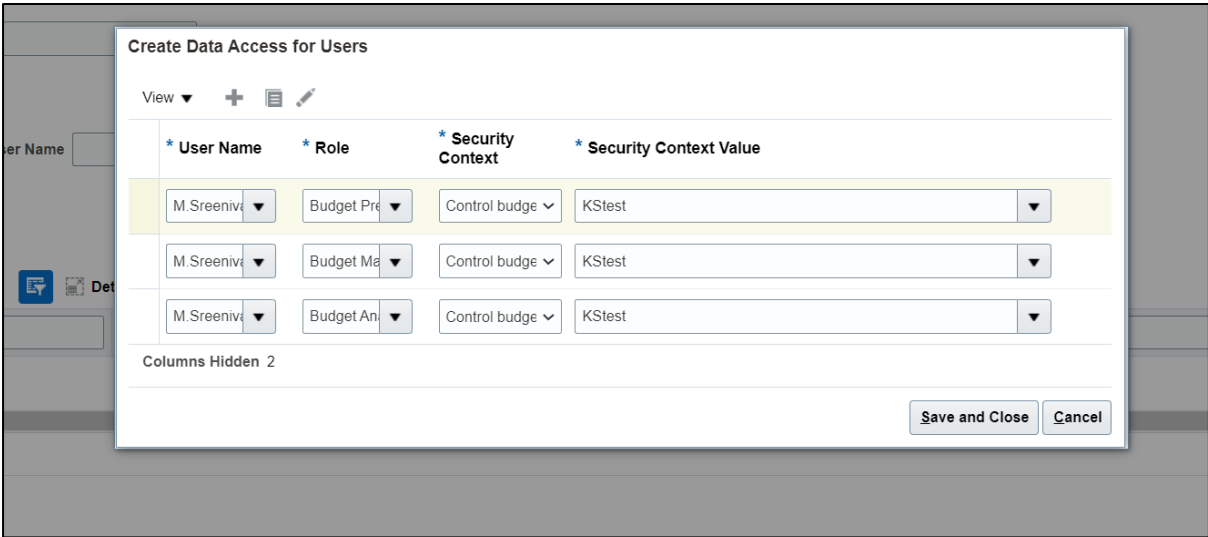
Navigation: Navigator > Tools > Security Console > Users > Search for your user name and click on Edit > Add Role and give below roles

1.Budget preparer

2.Budget Analyst

3.Budget manager

After roles give Data access to users.

Navigation: Setup and Maintenance > Manage Data access for users.

5. Opening calendar periods

Navigation: Go to 'Budgetary Control' from home page click on task list and click on "Budget Period Statuses" then Select your Budget name, you will be able to see your calendar periods set the 'Status' to available for budgeting.