

The background of the image is a panoramic view of the Nashville skyline at dusk. The sky is a mix of deep blue and orange, with some clouds. The city lights are beginning to glow, and the lights from the bridges and buildings are reflected in the water of the river. The text 'ODTUG Kscope 24' is overlaid on the image. 'ODTUG' is in a smaller, white, sans-serif font. 'Kscope' is in a larger, white, sans-serif font. '24' is in a large, colorful, geometric font with a rainbow gradient. The overall mood is welcoming and vibrant.

ODTUG  
Kscope 24

nashville, tn      july 14 - 18

Welcome





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# Reports, Books and Bursting Oh My!



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# AGENDA

Angie Caruthers



Using Books to report multiple POVs

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Using Books to package multiple reports

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Using Bursting for report distribution

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Using Jobs to automate reporting

# About the Speaker

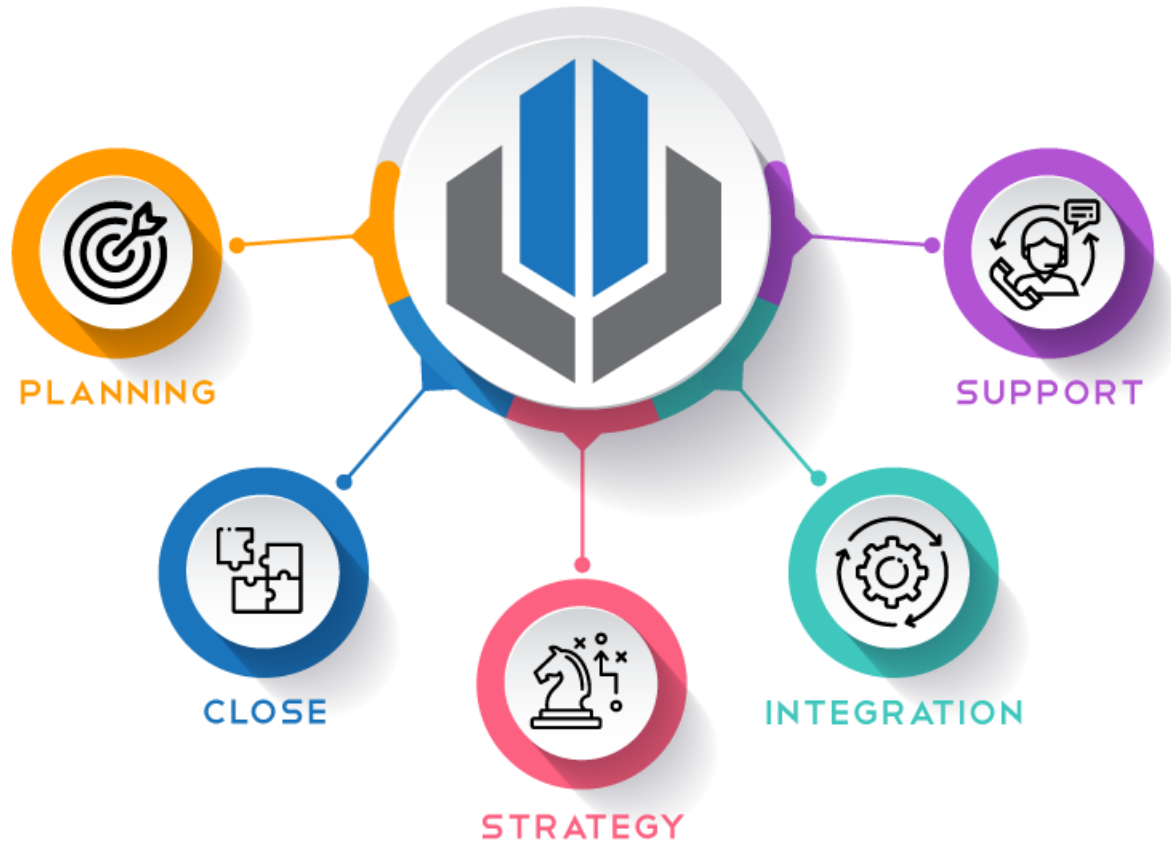


**Angie Caruthers**

EPM Implementation  
Specialist

- 20+ years of Oracle EPM experience
- Kscope Speaker 2013, 2023, 2024
- 2021 Certified Planning Implementation Specialist
- 2021 Certified Narrative Reporting Specialist
- Experienced in Planning, Data Management/Data Integration, Essbase (ASO, BSO and Hybrid), EDMCS and HFM
- Implementations in retail, distribution, software, healthcare and oil & gas industries

# About Olympus



## Who We Are

Experienced EPM resources with innovative solutions and a diverse skillset to ensure that any project can be successfully executed.

## Our Mission

Provide clients with the highest quality EPM experience using a proven methodology that ensures client interaction and satisfaction.

## Our Vision

Empower clients to adopt excellent EPM solutions while having a positive impact on the EPM community at large through the knowledge we share.

# Reporting Components



- **Reports** – used to publish any given report format; baseline for report packages



- **Books** – vehicle for packaging reports for user consumption



- **Bursting** – vehicle for packaging and distributing Reports OR Books to users or to other folders in the Library



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# AGENDA

Angie Caruthers



**Using Books to report multiple POVs**

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Using Books to package multiple reports

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Using Bursting for report distribution

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Using Jobs to automate reporting

# Reporting on Multiple POV's

## Common Use Cases

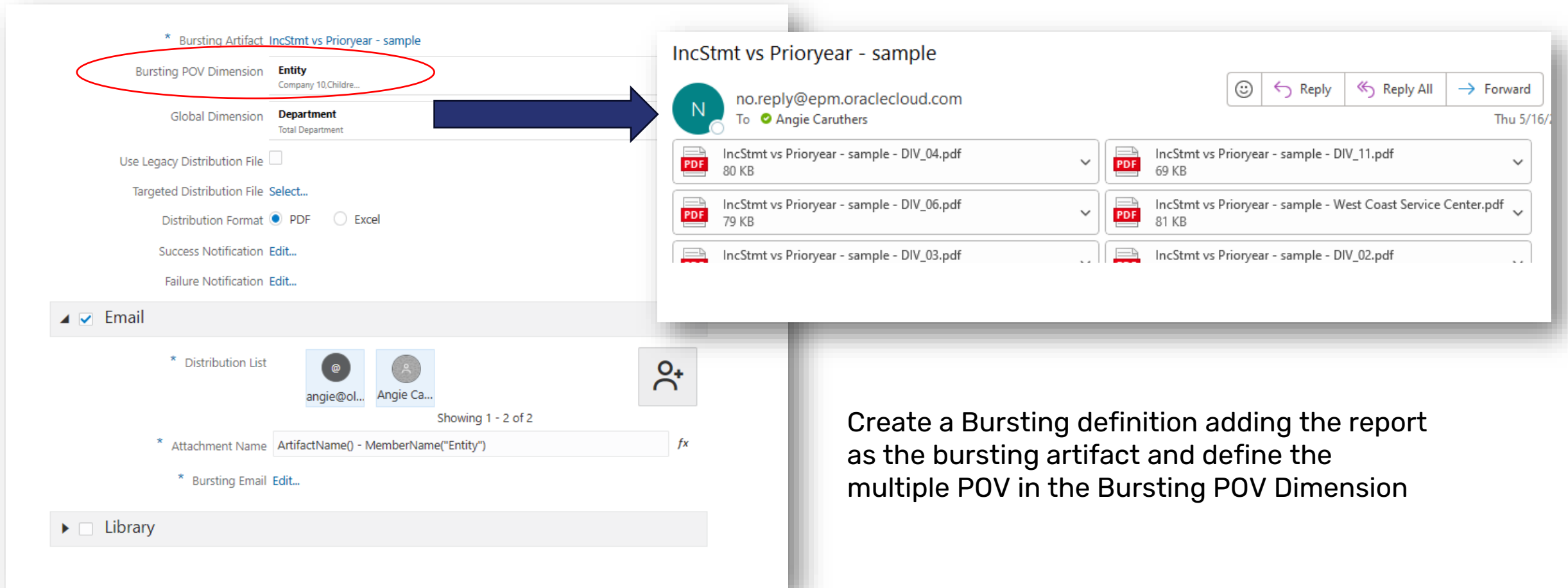


- Standard report format needs to be executed for multiple entities, depts, owners, etc
  - Use Case 1 - Each entity should be in a separate PDF
  - Use Case 2 - All the iterations of the report should show as multiple pages in one PDF



# Reporting on Multiple POV's

Bursting a single report to multiple POV in separate files



The screenshot displays a configuration window for a report titled "IncStm vs Prioryear - sample". The "Bursting POV Dimension" is set to "Entity" (Company 10, Childre...), which is circled in red. The "Global Dimension" is set to "Department" (Total Department). Below these are options for "Use Legacy Distribution File", "Targeted Distribution File", "Distribution Format" (PDF selected), "Success Notification", and "Failure Notification".

An arrow points from the "Entity" dimension to an email preview window. The email is titled "IncStm vs Prioryear - sample" and is addressed to "no.reply@epm.oraclecloud.com" (To: Angie Caruthers). It contains six PDF attachments:

- IncStm vs Prioryear - sample - DIV\_04.pdf (80 KB)
- IncStm vs Prioryear - sample - DIV\_06.pdf (79 KB)
- IncStm vs Prioryear - sample - DIV\_03.pdf
- IncStm vs Prioryear - sample - DIV\_11.pdf (69 KB)
- IncStm vs Prioryear - sample - West Coast Service Center.pdf (81 KB)
- IncStm vs Prioryear - sample - DIV\_02.pdf

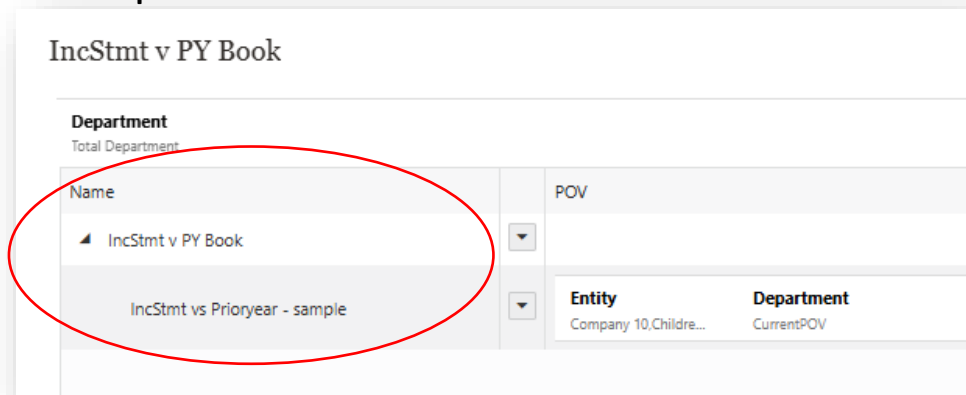
The email preview also shows a "Distribution List" with recipients "angie@ol..." and "Angie Ca...", and an "Attachment Name" field containing the formula "ArtifactName() - MemberName('Entity')".

Create a Bursting definition adding the report as the bursting artifact and define the multiple POV in the Bursting POV Dimension

# Reporting on Multiple POV's

Bursting a single report to multiple POV in a single file

Step 1 - Create a Book adding the report as the single artifact and define the multiple POV in the Book



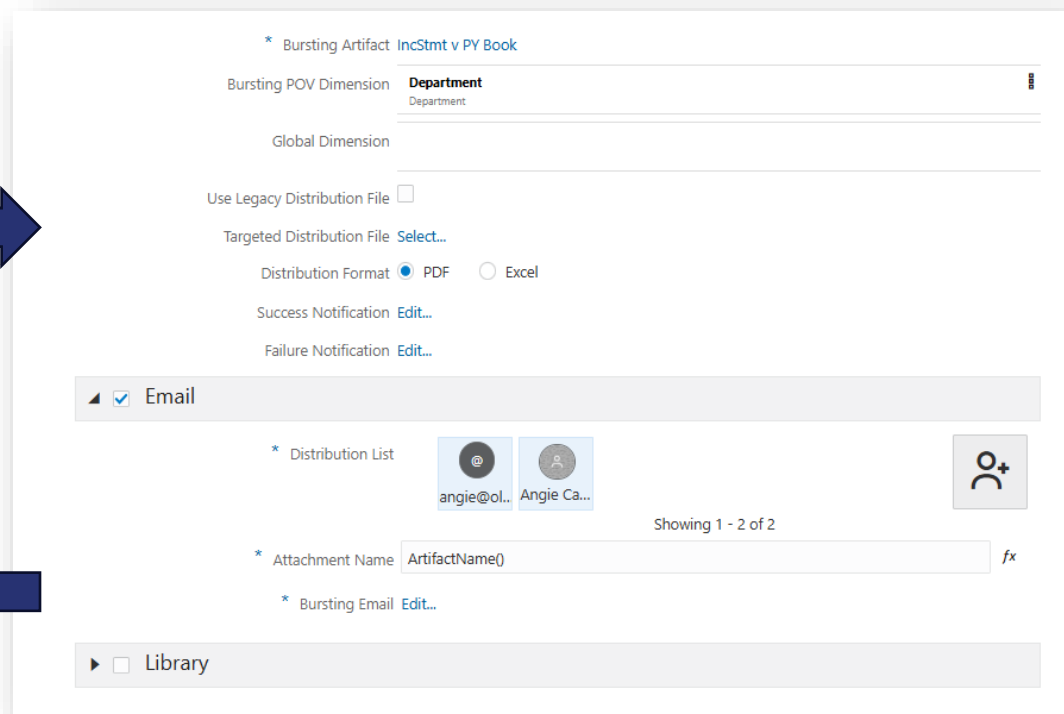
IncStmnt v PY Book

**Department**  
Total Department

Name	POV
IncStmnt v PY Book	
IncStmnt vs Prioryear - sample	

**Entity**      **Department**  
Company 10, Childre...      CurrentPOV

Step 2 - Create a Bursting definition that uses the BOOK as the bursting artifact



\* Bursting Artifact IncStmnt v PY Book

Bursting POV Dimension **Department**  
Department

Global Dimension

Use Legacy Distribution File

Targeted Distribution File Select...

Distribution Format  PDF  Excel

Success Notification Edit...

Failure Notification Edit...

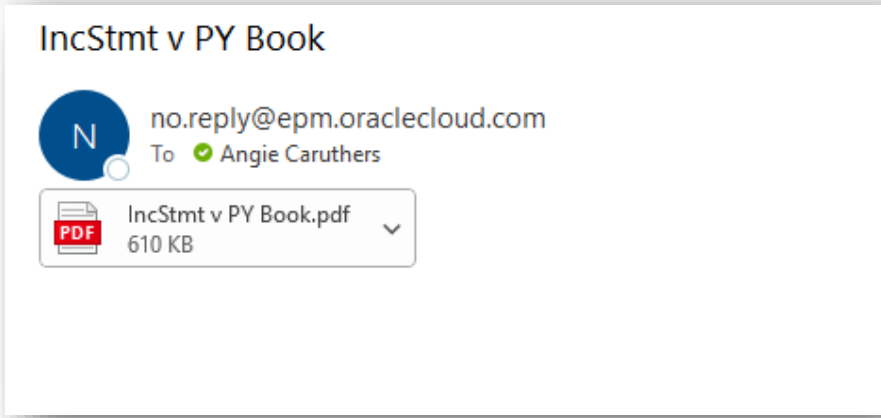
Email

\* Distribution List  
angie@ol...    Angie Ca...  
Showing 1 - 2 of 2



\* Attachment Name ArtifactName() fx


\* Bursting Email Edit...

Library



IncStmnt v PY Book

 no.reply@epm.oraclecloud.com  
To  Angie Caruthers

 IncStmnt v PY Book.pdf  
610 KB

# Reporting on Multiple POV's

PDF output of bursting Report vs Book using same Entity POV selection

File | C:/Users/Angie%20C/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/O3CLK9CH/IncStmnt%20v%20Prioryear... | 1 of 3

### Income Statement vs Prior Year

May FY22  
Company 10, Total Department

Scenario: Actual  
Version: Final  
View: Unallocated  
Currency: USD

FY22	FY21	FY22	FY22	FY22	FY21
May	May	May	May	May	May
Actual	Actual	Act vs Prior Year \$	Act vs Prior Year %	% of Net Sales	% of Net Sales
20,052,212	28,805,798	(8,753,587)	30.39%	112.33%	101.94%
584,686	973,466	(388,780)	39.94%	3.28%	3.44%
(60,352)	(158,167)	97,814	61.84%	0.34%	0.56%
(2,381,575)	(1,242,162)	(1,139,413)	91.73%	13.34%	4.40%
(418,654)	(224,600)	(194,055)	86.40%	2.35%	0.79%
75,397	103,490	(28,093)	27.15%	0.42%	0.37%
<b>17,851,713</b>	<b>28,257,826</b>	<b>(10,406,113)</b>	<b>36.83%</b>	<b>100.00%</b>	<b>100.00%</b>
<b>Net Sales</b>					
Net COGS					
10,717,814	18,277,198	7,559,384	41.36%	60.04%	64.68%
457,423	724,806	267,384	36.89%	2.56%	2.56%
435,541	639,335	203,793	31.88%	2.44%	2.26%
(3,860)	119,406	123,265	103.23%	0.02%	0.42%
161,884	246,592	84,708	34.35%	0.91%	0.87%
(2,556)	(2,535)	20	0.81%	0.01%	0.01%
<b>11,766,247</b>	<b>20,004,802</b>	<b>8,238,555</b>	<b>41.18%</b>	<b>65.91%</b>	<b>70.79%</b>
<b>6,085,466</b>	<b>8,253,024</b>	<b>(2,167,558)</b>	<b>26.26%</b>	<b>34.09%</b>	<b>29.21%</b>
<b>Gross Margin</b>					

Using multiple POV in the Book definition result in one file with 23 pages covering all selected entities

File | C:/Users/Angie%20C/AppData/Local/Microsoft/Windows/INetCache/Content.Outlook/O3CLK9CH/IncStmnt%20v%20PY%20Boo... | 1 of 23

### Income Statement vs Prior Year

May FY22  
Company 10, Department

Scenario: Actual  
Version: Final  
View: Unallocated  
Currency: USD

FY22	FY21	FY22	FY22	FY22	FY21
YTD(May)	YTD(May)	YTD(May)	YTD(May)	YTD(May)	YTD(May)
Actual	Actual	Act vs Prior Year \$	Act vs Prior Year %	% of Net Sales	% of Net Sales
20,052,212	28,805,798	(8,753,587)	30.39%	112.33%	101.94%
584,686	973,466	(388,780)	39.94%	3.28%	3.44%
(60,352)	(158,167)	97,814	61.84%	0.34%	0.56%
(2,381,575)	(1,242,162)	(1,139,413)	91.73%	13.34%	4.40%
(418,654)	(224,600)	(194,055)	86.40%	2.35%	0.79%
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<b>17,851,713</b>	<b>28,257,826</b>	<b>(10,406,113)</b>	<b>36.83%</b>	<b>100.00%</b>	<b>100.00%</b>
<b>Net Sales</b>					
Net COGS					
10,717,814	18,277,198	7,559,384	41.36%	60.04%	64.68%
457,423	724,806	267,384	36.89%	2.56%	2.56%
435,541	639,335	203,793	31.88%	2.44%	2.26%
(3,860)	119,406	123,265	103.23%	0.02%	0.42%
161,884	246,592	84,708	34.35%	0.91%	0.87%
(2,556)	(2,535)	20	0.81%	0.01%	0.01%
<b>11,766,247</b>	<b>20,004,802</b>	<b>8,238,555</b>	<b>41.18%</b>	<b>65.91%</b>	<b>70.79%</b>
<b>6,085,466</b>	<b>8,253,024</b>	<b>(2,167,558)</b>	<b>26.26%</b>	<b>34.09%</b>	<b>29.21%</b>
<b>Gross Margin</b>					

Using a Report and defining the multiple POV in the Bursting definition results in multiple PDF outputs – one for each selected entity



# Reporting on Multiple POV's

Library view

Reports

Search  | Library All Types

Name	Description	Created
Test		5/16/24
Expense Detail		5/16/24
IncStmnt v PY Book	single report executed for multiple Entities	5/16/24
IncStmnt v PY Book Bursting Defi	Report executed for multiple entities in one file	5/16/24
IncStmnt vs Poryear - sample	Current period and YTD vs Prior Year	6/11/23
IncStmnt vs PriorYear Bursting De		6/11/23

Use Case 2 uses this Book artifact and Bursting definition



Use Case 1 uses this Report artifact and Bursting definition



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# AGENDA

Angie Caruthers



Using Books to report multiple POVs

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**Using Books to package multiple reports**

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Using Bursting for report distribution

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Using Jobs to automate reporting

# Packaging Multiple Reports

Using Books to package multiple reports with related POV's



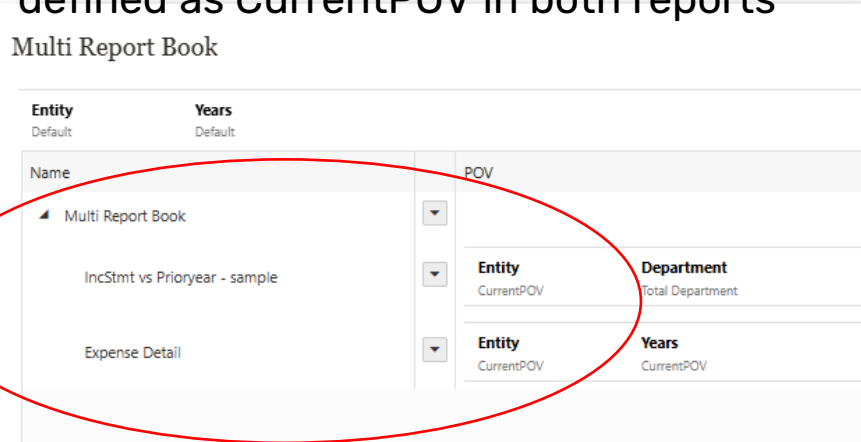
- Use Case example:
  - Excel monthly reporting contains several tabs that have different types of reports such as Income Statement plus a Departmental Expense Detail
  - This report package is generated for each Entity as well as at a Total Company level



# Packaging Multiple Reports

Create a Book that uses the same POV for multiple report artifacts

Step 1 - Create a Book adding each report as an artifact and leave the Entity dimension POV defined as CurrentPOV in both reports

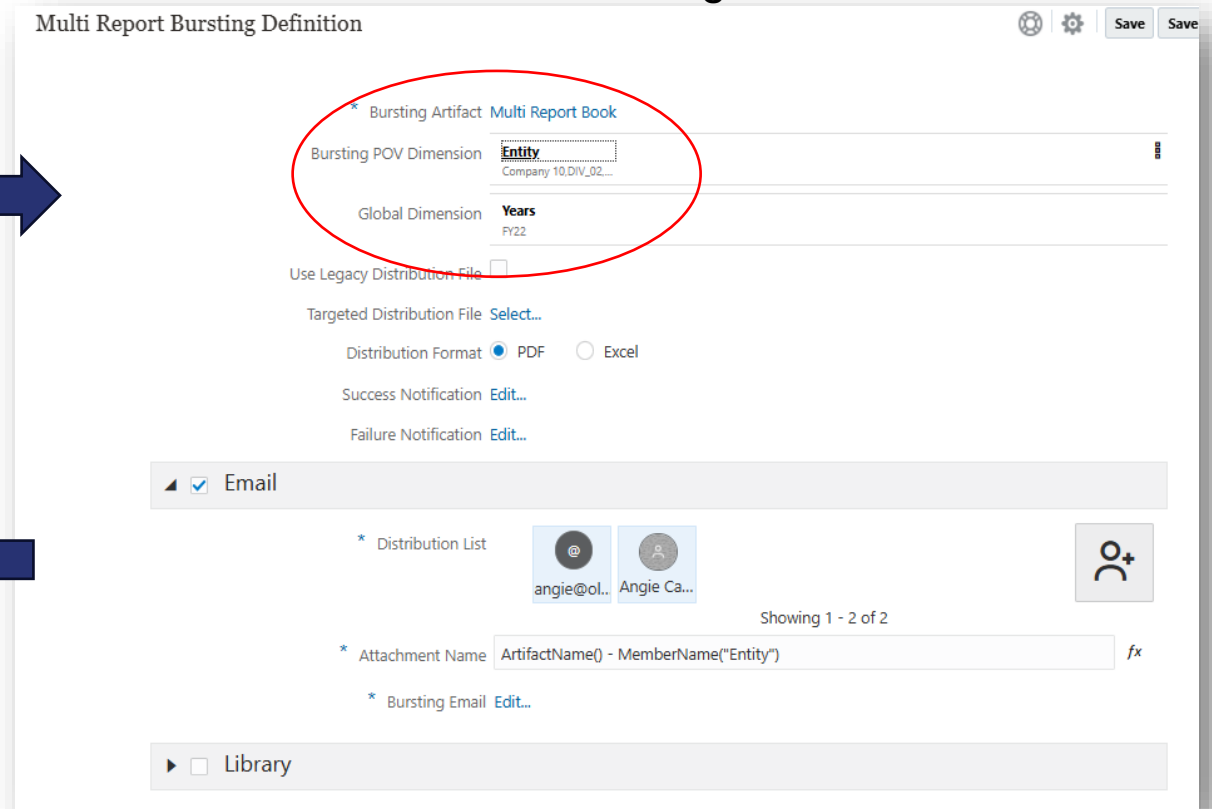


Multi Report Book

Entity	Years
Default	Default

Name	POV
Multi Report Book	
IncStmt vs Prioryear - sample	Entity: CurrentPOV, Department: Total Department
Expense Detail	Entity: CurrentPOV, Years: CurrentPOV

Step 2 - Create a Bursting definition that uses the BOOK as the bursting artifact; add the desired Entities to the Bursting POV



Multi Report Bursting Definition

Bursting Artifact: Multi Report Book

Bursting POV Dimension: Entity (Company 10.DIV\_02...)

Global Dimension: Years (FY22)

Use Legacy Distribution File:

Targeted Distribution File: Select...

Distribution Format:  PDF  Excel

Success Notification: Edit...

Failure Notification: Edit...

Email

Distribution List: angie@ol..., Angie Ca...

Showing 1 - 2 of 2

Attachment Name: ArtifactName() - MemberName("Entity") fx

Bursting Email: Edit...

Library:

# Packaging Multiple Reports

PDF output of multi report Book

**Income Statement vs Prior Year**  
May FY22  
Atlanta Branch, Total Department

FY22	FY21	FY22	FY22	FY22	FY21	
May	May	May	May	May	May	
Actual	Actual	Act vs Prior Year \$	Act vs Prior Year %	% of Net Sales	% of Net Sales	
1,521,110	2,363,659	(842,549)	35.65%	100.00%	100.00%	Net Sales
889,898	1,597,852	707,954	44.31%	58.50%	67.60%	COGS
631,213	765,807	(134,595)	17.58%	41.50%	32.40%	Gross Margin
120,995	103,670	(17,324)	16.71%	7.95%	4.39%	Total Personnel & Benefits
(4,199)	49,888	54,087	108.42%	0.28%	2.11%	Total Sales & Marketing Exp
14,236	44,050	29,814	67.68%	0.94%	1.86%	Total Warehouse Exp
45,685	50,509	4,824	9.55%	3.00%	2.14%	Total Facility Expense
53,102	71,850	18,748	26.09%	3.49%	3.04%	Total G&A Expense
229,819	319,967	90,149	28.17%	15.11%	13.54%	Total Operating Expense
401,394	445,840	(44,446)	9.97%	26.39%	18.86%	Profit (Loss) from Operation before Depr. (EBITDA)
70,652	73,751	3,099	4.20%	4.64%	3.12%	Total Deprec. & Amort.
330,742	372,089	(41,347)	11.11%	21.74%	15.74%	Profit (Loss) from Operation (EBIT)

DIV\_04 PDF contains both reports

**Expense Detail**  
May FY22  
Atlanta Branch-DIV\_04,

	May	May	May	May	May	May	May
	General (Dept 00)	Internet (Dept 24)	Branch Office (Dept 12)	Warehouse (Dept 15)	Parts (Dept 17)	Operations Departments	Total Department
Payroll	5,069	10,742	34,741	46,416	-	96,968	96,968
Benefits	16,023	2,788	2,068	3,148	-	24,026	24,026
<b>Total Personnel &amp; Benefits</b>	<b>21,092</b>	<b>13,530</b>	<b>36,809</b>	<b>49,564</b>	-	<b>120,995</b>	<b>120,995</b>
Bad Debt Expense-Write of non Commission Sales	(400)	-	-	-	-	(400)	(400)
Sales Commission	(3,799)	-	-	-	-	(3,799)	(3,799)
<b>Total Sales &amp; Marketing Exp</b>	<b>(4,199)</b>	-	-	-	-	<b>(4,199)</b>	<b>(4,199)</b>
Pallet Expense	4,080	4,080	-	-	-	8,160	8,160
Packaging, Fuel, Equipment Leasing	2,157	-	-	-	-	2,157	2,157
Repair & Maintenance	3,919	-	-	-	-	3,919	3,919
<b>Total Warehouse Exp</b>	<b>10,156</b>	<b>4,080</b>	-	-	-	<b>14,236</b>	<b>14,236</b>
Total Rent_CAM	6,997	-	-	-	-	6,997	6,997
Business Property Tax	18,797	-	-	-	-	18,797	18,797
Utility	5,488	-	-	-	-	5,488	5,488
Outside Services	14,403	-	-	-	-	14,403	14,403
<b>Total Facility Expense</b>	<b>45,685</b>	-	-	-	-	<b>45,685</b>	<b>45,685</b>
Telephone Exp	2,294	-	-	-	-	2,294	2,294
MIS Expense	601	-	-	-	-	601	601
Office Expense	3,241	-	-	-	-	3,241	3,241
Service Fees	21,498	-	-	-	-	21,498	21,498
Travel & Entertainment	911	-	-	-	-	911	911
Other G&A Exp	70	-	-	-	-	70	70
Freight Collected from Customers (OE)	(82,345)	-	-	-	-	(82,345)	(82,345)
Freight Paid to Vendors	105,845	26	-	-	1,003	106,874	106,874

# Packaging Multiple Reports

Library view

Name	Description	Created
Test		5/16/24
Expense Detail		5/16/24
IncStmt v PY Book	single report executed for multiple Entities	5/16/24
IncStmt v PY Book Bursting Definition	Report executed for multiple entities in one file	5/16/24
IncStmt vs Prioryear - sample	Current period and YTD vs Prior Year	6/11/23
IncStmt vs PriorYear Bursting Definition		6/11/23
Multi Report Book	IS and Expense Detail reports for selected Entity	5/16/24
Multi Report Bursting Definition		5/16/24
Multi Report w sections Book	IS and Expense Detail reports for multiple selected Entitys	5/16/24

The Multi Report Book uses these two Report objects

The Multi Report Bursting Definition uses the Multi Report Book as the bursting artifact



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# AGENDA

Angie Caruthers



Using Books to report multiple POVs

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Using Books to package multiple reports

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**Using Bursting for report distribution**

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Using Jobs to automate reporting

# Report Distribution

## Common Use Cases

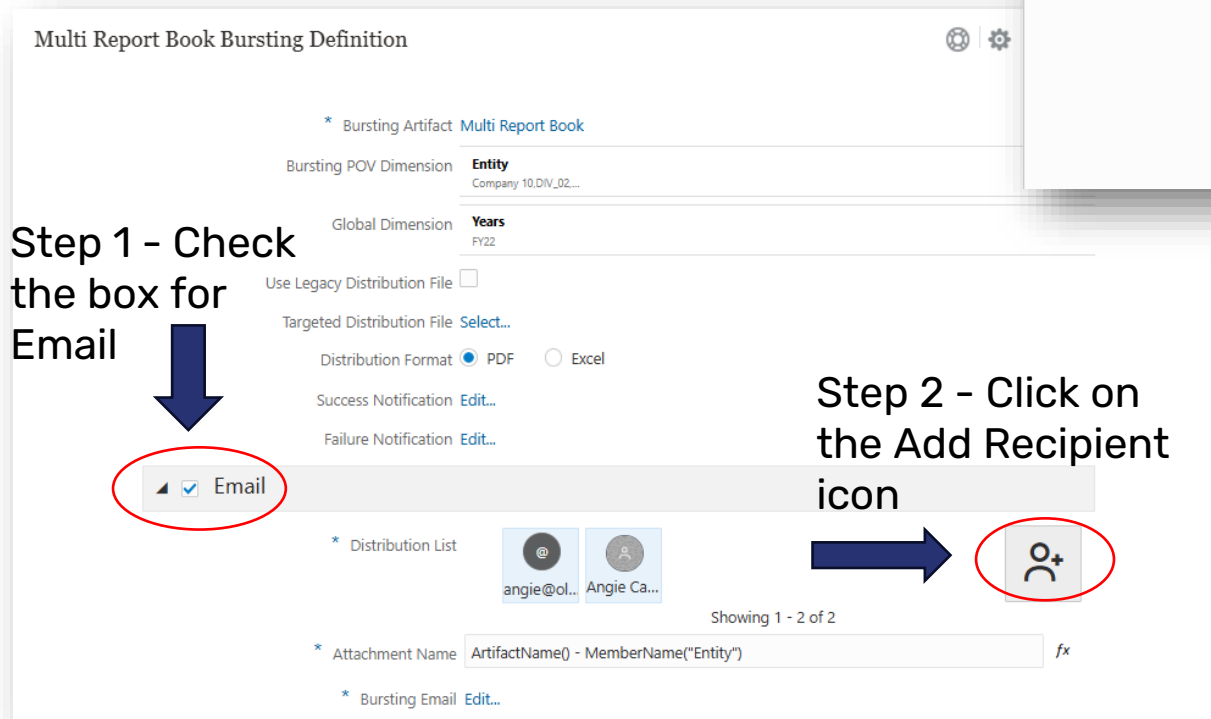


- Standard report format needs to be sent to multiple recipients
  - What if the recipients are not provisioned to the EPM application?
- Standard report format needs to be executed for multiple entities, depts, owners, etc
  - All executed entities should be sent to recipients OR
  - Specific instances should be sent to specific users

# Report Distribution

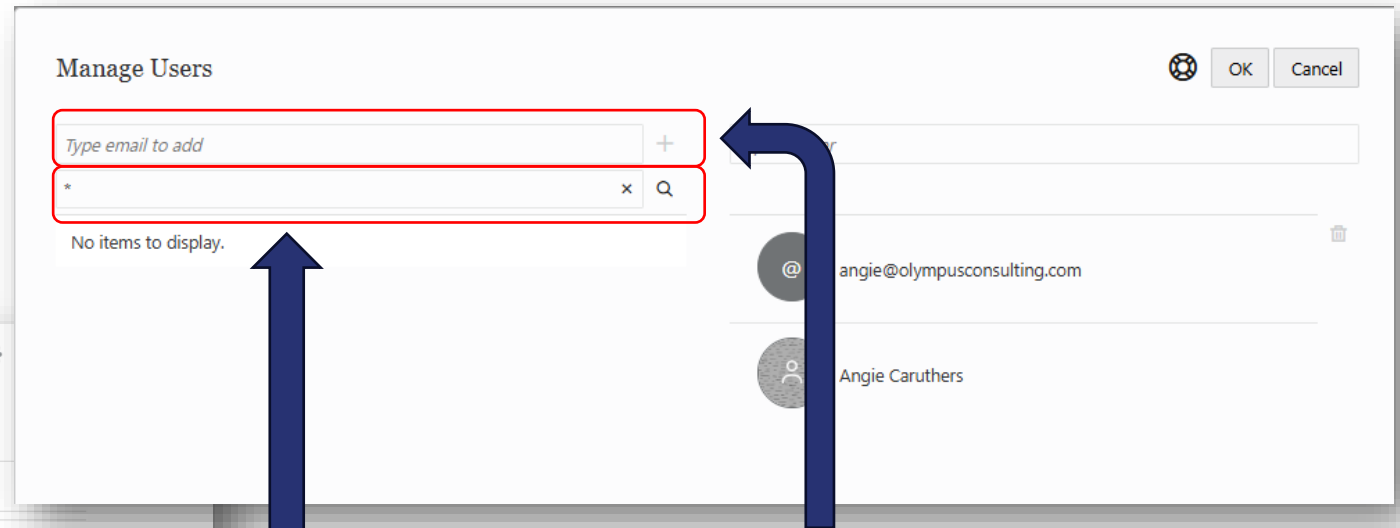
Reports can be sent to provisioned OR non-provisioned users via email

To choose users to receive a report:



**Step 1 - Check the box for Email**

**Step 2 - Click on the Add Recipient icon**



**Step 3 - To add Provisioned Users either type in the user id or use the asterisk wildcard to search for all provisioned users**

**Step 4 - To add non-provisioned users simply type in the email address for the user then click the + button to add them to the recipient list on the right**





# Report Distribution

Reports can be sent to provisioned OR non-provisioned users via email

Result of using Distribution list is that all users defined receive ALL reports defined in the Bursting definition

Multi Report Book

no.reply@epm.oraclecloud.com  
To Angie Caruthers

 Multi Report Book - DIV_03.pdf 112 KB	 Multi Report Book - Company 10.pdf 123 KB
 Multi Report Book - DIV_02.pdf 113 KB	 Multi Report Book - DIV_04.pdf 113 KB

The bursting operation has completed successfully.

no.reply@epm.oraclecloud.com  
To Angie Caruthers

11:01 AM

### Summary

<b>Bursting Definition:</b> Multi Report Book Bursting Definition	<b>Status:</b> Completed successfully
<b>Artifact:</b> /Library/Test/Multi Report Book	<b>Started:</b> May 30, 2024 4:00:59 PM UTC
<b>Bursting Dimension:</b> Entity (Company 10,DIV_02,DIV_03,DIV_04)	<b>Finished:</b> May 30, 2024 4:01:20 PM UTC
<b>Fixed Dimensions:</b> Years (FY22)	

### Details

The Bursting operation has completed successfully.  
The total number of report executions: 4.  
Report generation details: 4 succeeded, 0 failed, 0 cancelled, 0 not started or not finished.  
The report distribution details: 4 succeeded, 0 failed, 0 content suppressed.

### Success Results

The generated reports were successfully sent via email.

# Targeted Report Distribution

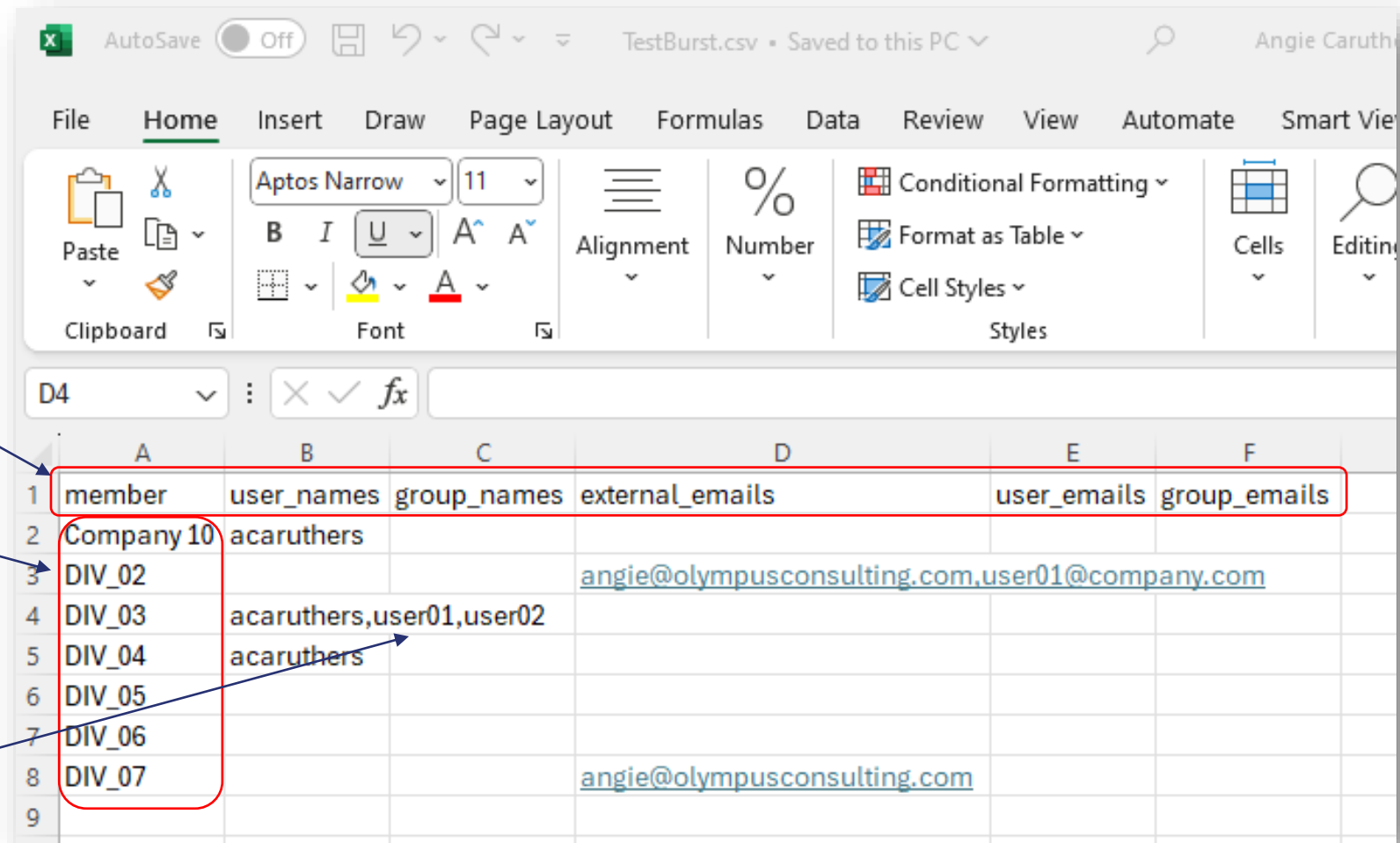
Use a distribution file to send specific reports to individual users

Create and Save a Targeted Distribution File on your local machine

Step 1 – Create a csv file with the headers as shown

Step 2 – In the 'member' column add the members specified in the bursting definition

Step 3 – Use the remaining columns to specify recipients for each of the bursting members (multiple recipients in any column can be separated by a comma i.e. acaruthers,user01,user02)

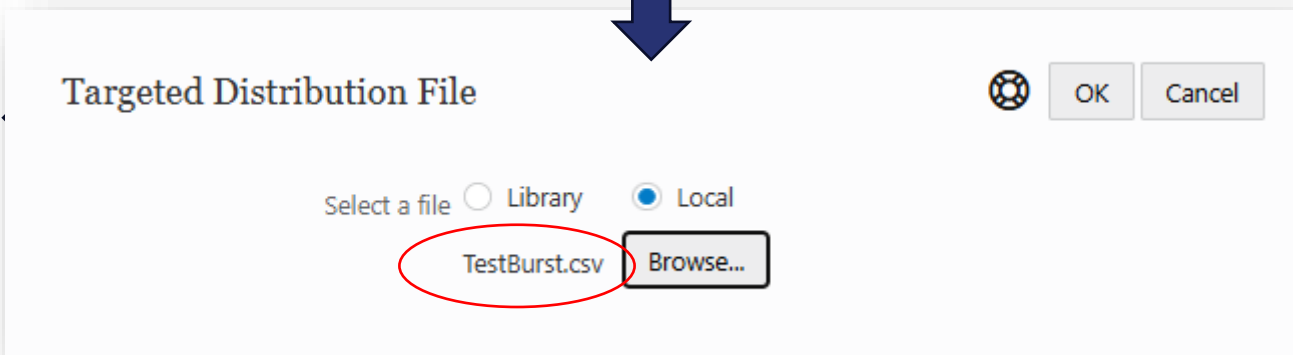
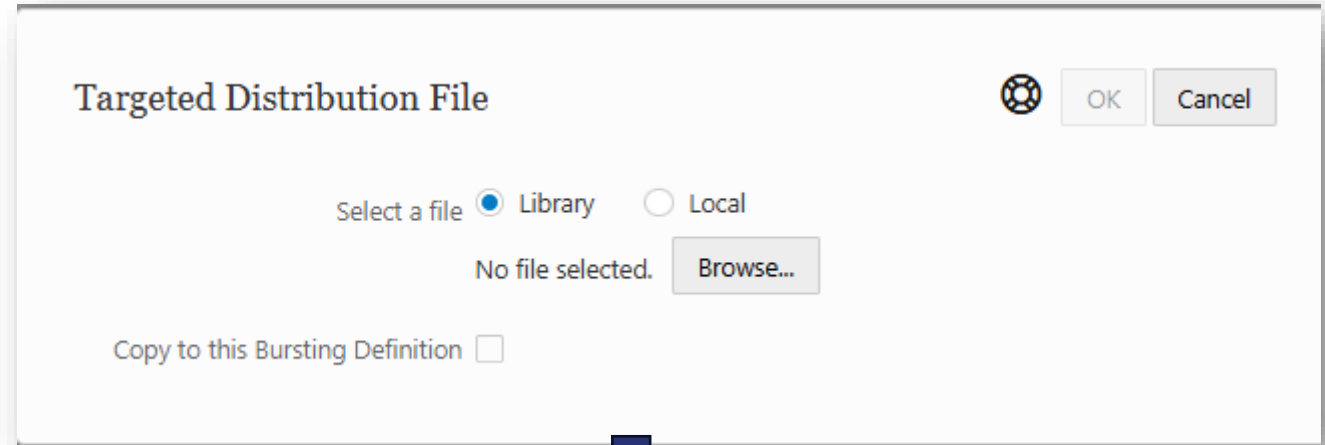
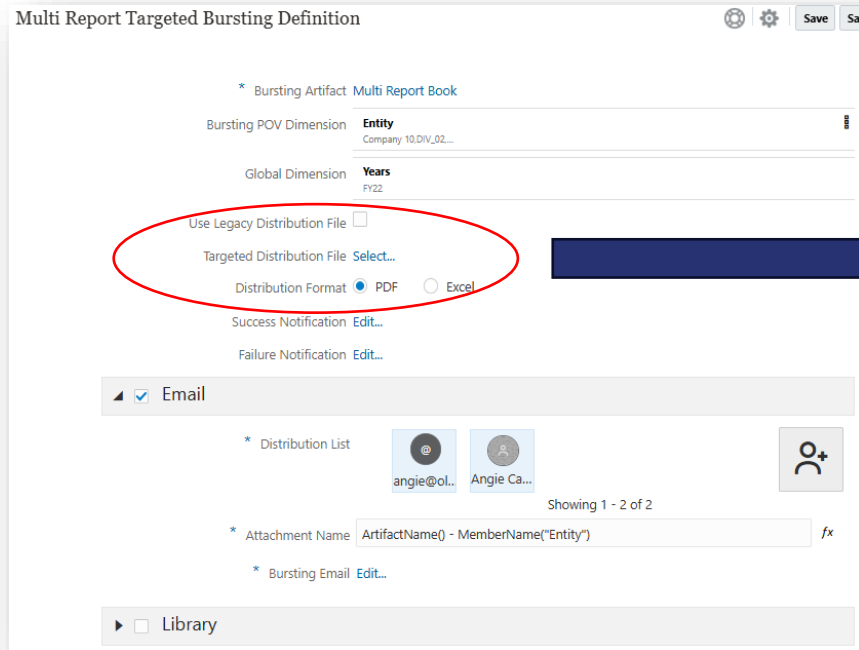


	A	B	C	D	E	F
1	member	user_names	group_names	external_emails	user_emails	group_emails
2	Company 10	acaruthers				
3	DIV_02			<a href="mailto:angie@olympusconsulting.com">angie@olympusconsulting.com</a>	<a href="mailto:user01@company.com">user01@company.com</a>	
4	DIV_03	acaruthers,user01,user02				
5	DIV_04	acaruthers				
6	DIV_05					
7	DIV_06					
8	DIV_07			<a href="mailto:angie@olympusconsulting.com">angie@olympusconsulting.com</a>		
9						



# Targeted Report Distribution

Use a Local distribution file to send specific reports to individual user



Step 4 – Open the Bursting Definition and upload the Targeted Distribution File as a Local file

# Targeted Report Distribution

Use a Local distribution file to send specific reports to individual user


Multi Report Targeted Bursting Definition

\* Bursting Artifact **Multi Report Book**

Bursting POV Dimension **Entity**  
Company 10.DIV\_02...

Global Dimension **Years**  
FY22

Use Legacy Distribution File


Targeted Distribution File **TestBurst.csv**  The Distribution File will not be used.

Distribution Format  PDF  Excel




Success Notification [Edit...](#)

Failure Notification [Edit...](#)

Email

Send all generated reports to all recipients in a single email  The Distribution File will not be used.

\* Distribution List

		
angie@ol...	Angie Ca...	

Showing 1 - 2 of 2

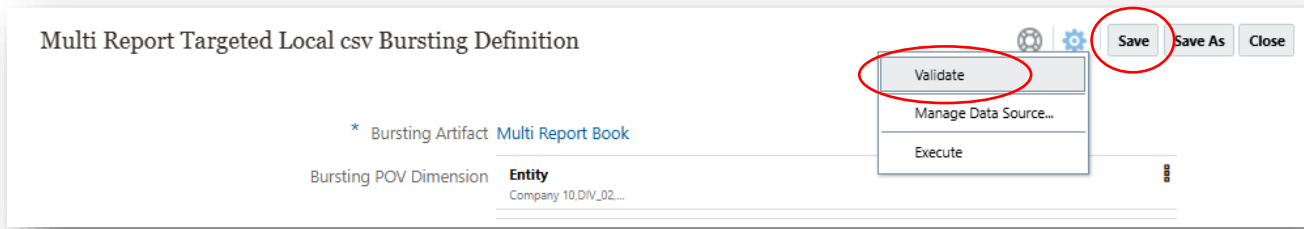
\* Attachment Name  *fx*

\* Bursting Email [Edit...](#)

Step 5 - Uncheck the box for the Distribution List so that it no longer overrides the Targeted Distribution File

# Targeted Report Distribution

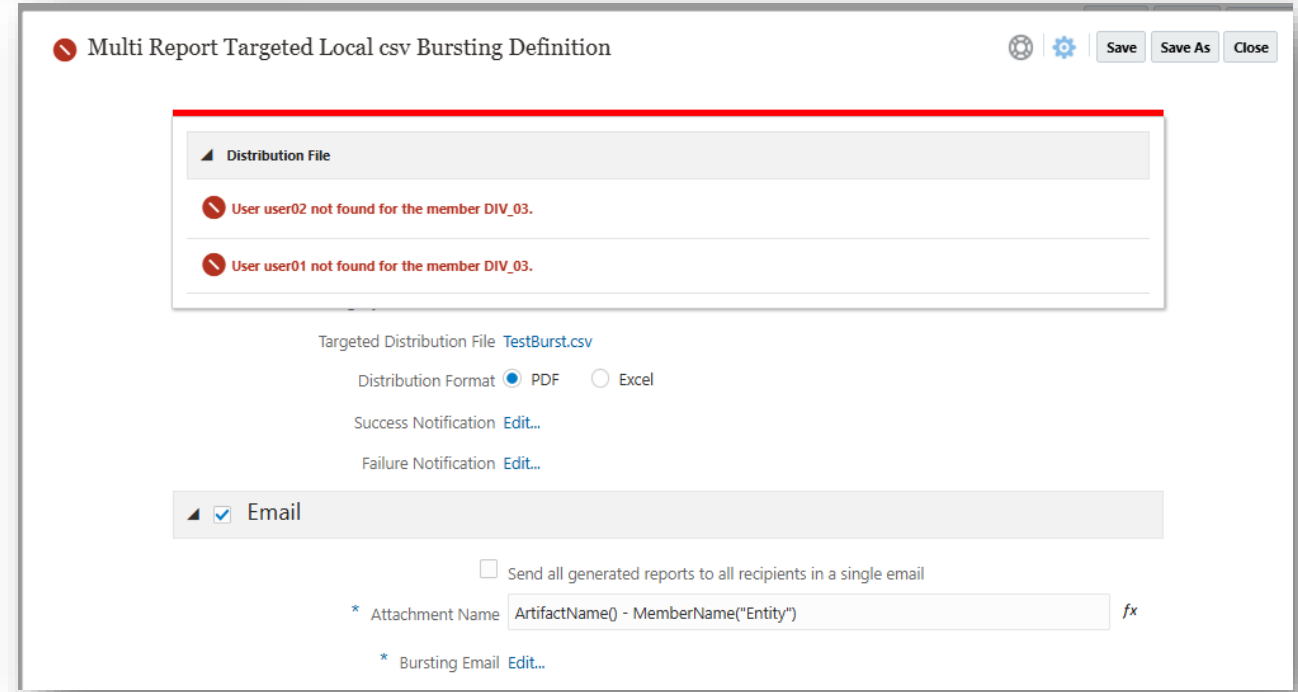
Use a Local distribution file to send specific reports to individual user



Step 6 – Validate and Save the Bursting Definition with the new Targeted Bursting File selection



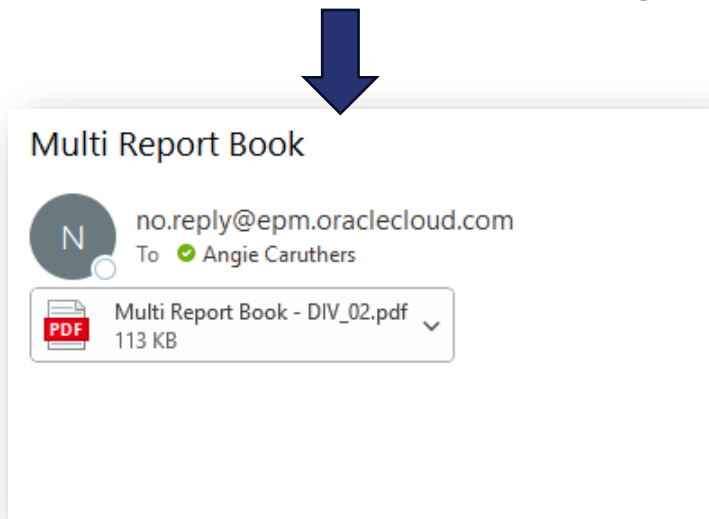
Step 7 – Validation errors/warnings will show up as a bold red line; click on the red line to see details; correct errors or ignore warnings as necessary



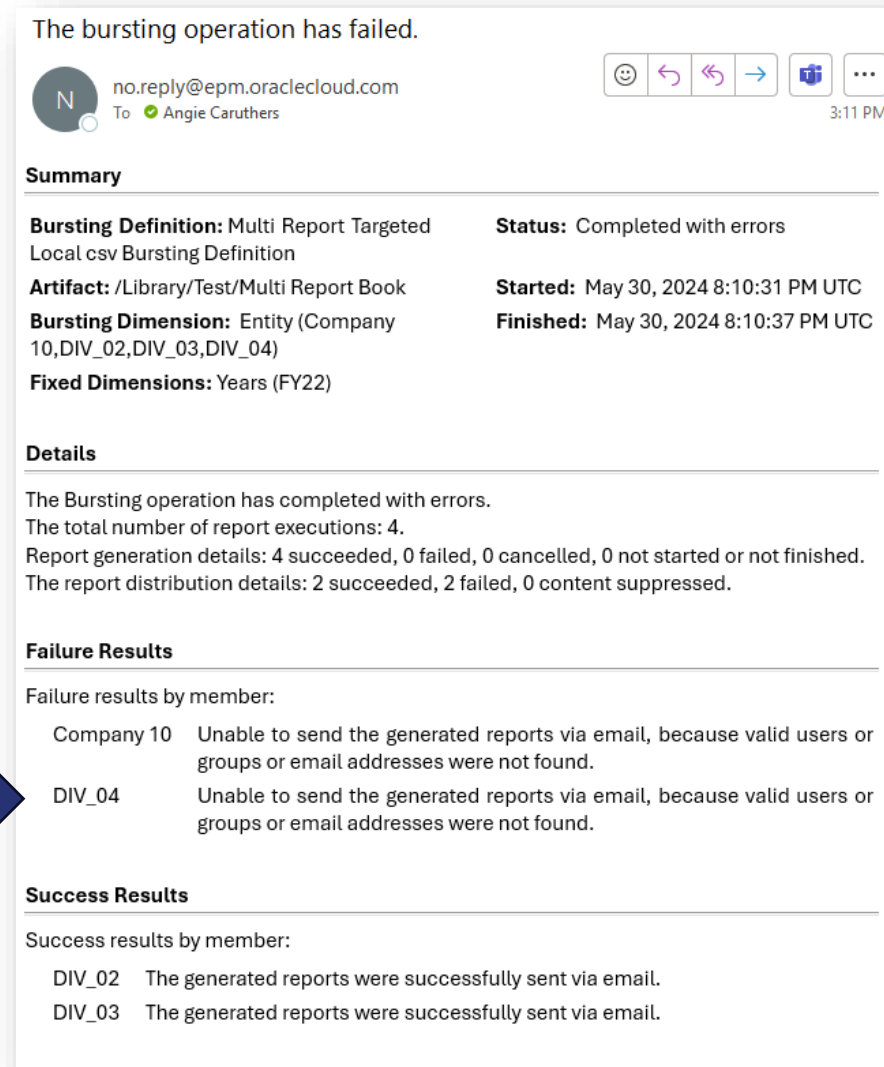
# Targeted Report Distribution

Use a Local distribution file to send specific reports to individual user

Result of using the TestBurst.csv Targeted Distribution File is that the external email now receives ONLY the specified bursting members

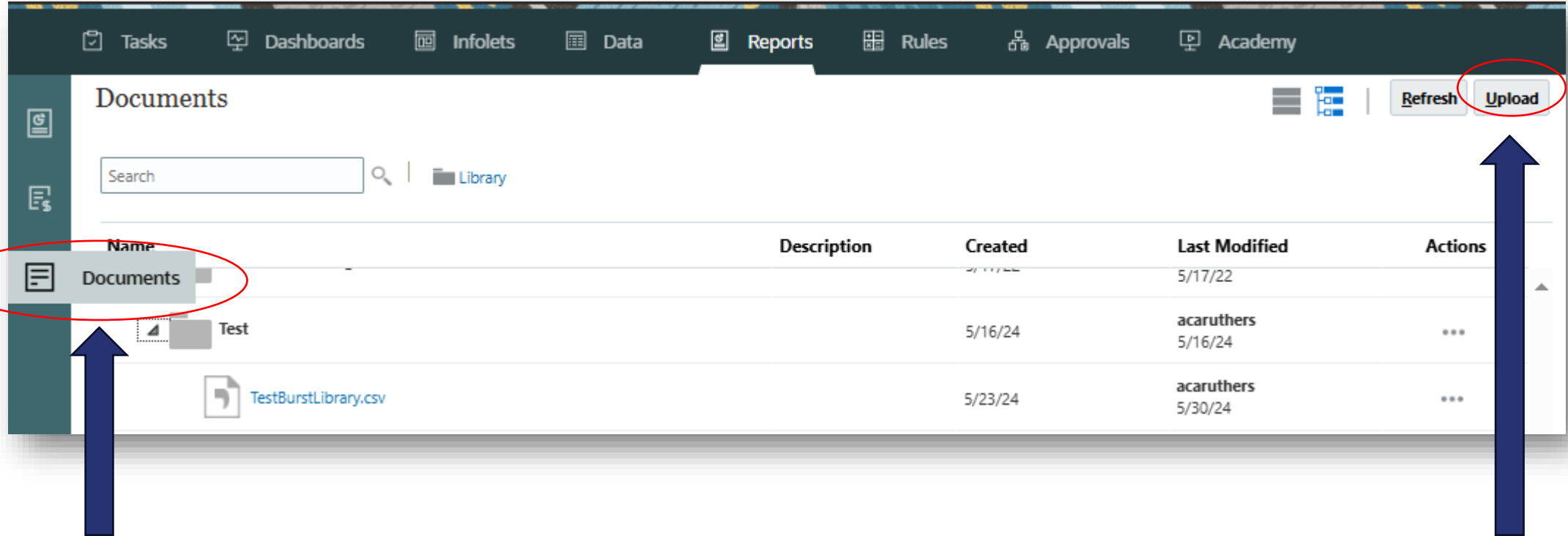


Additionally, the Failure Notification alerts that two of the selected bursting members were unable to be emailed due to invalid username selections



# Targeted Report Distribution

Upload a Targeted Distribution file to the Library



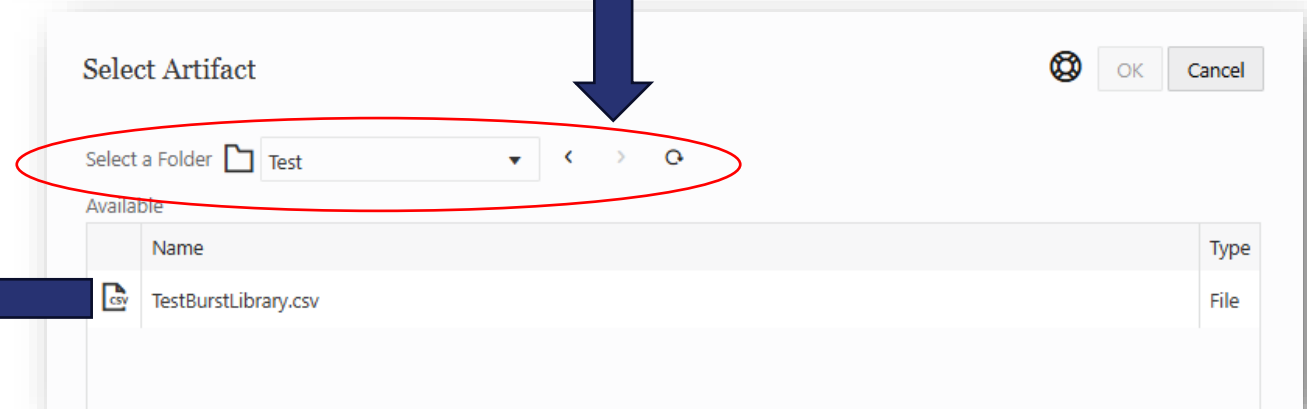
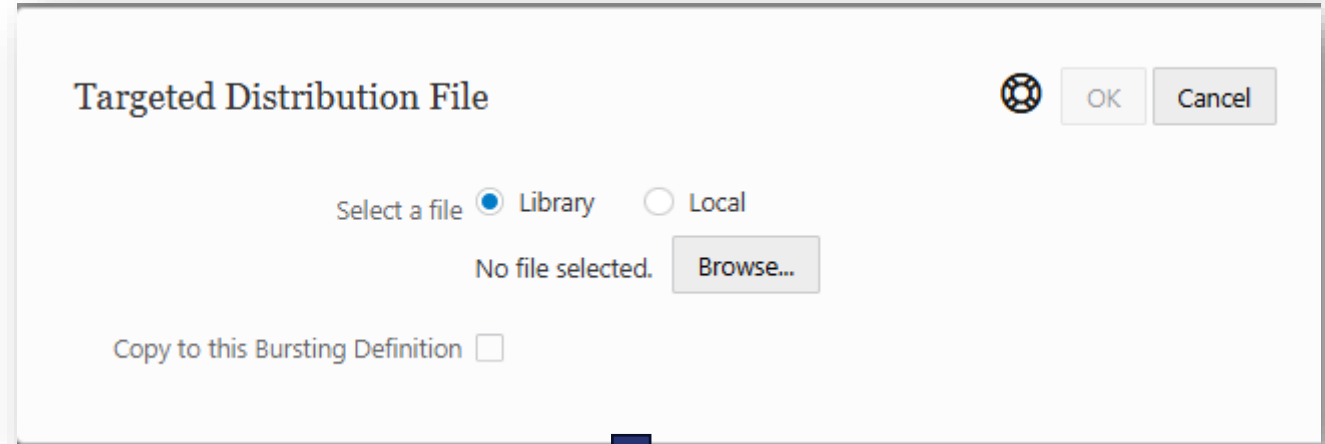
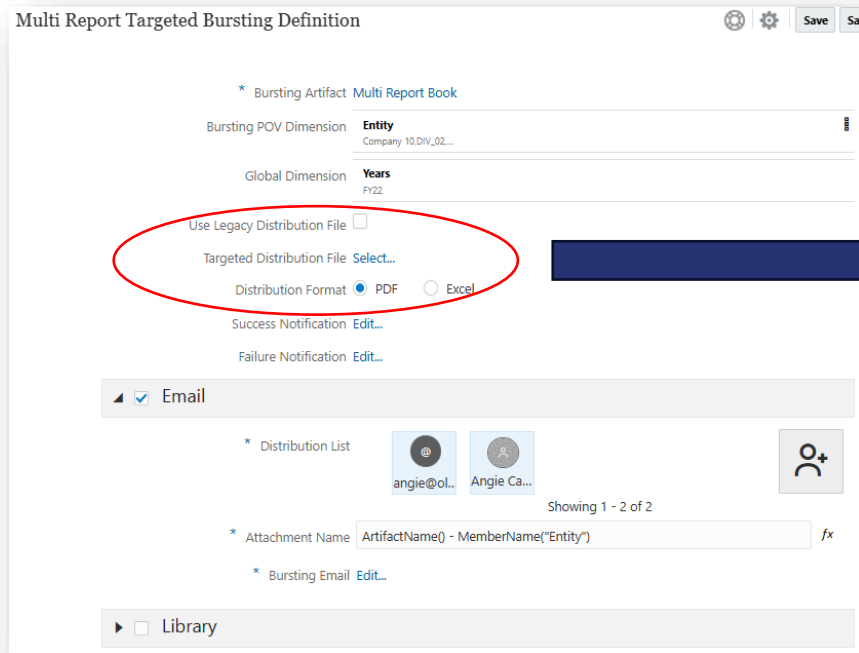
Click on the Documents tab of the library and navigate to the folder you wish to store the Distribution File in

Click Upload and select the Distribution File



# Targeted Report Distribution

Use a distribution file stored in the EPM Library



Open the Bursting definition where you would like to use the Library Distribution File

With the Library radio button selected, click Browse and navigate to the Library folder where you uploaded the csv Distribution File

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# AGENDA

Angie Caruthers



Using Books to report multiple POVs

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Using Books to package multiple reports

---



Using Bursting for report distribution

---



**Using Jobs to automate reporting**

# Automated Reporting

## Common Use Cases

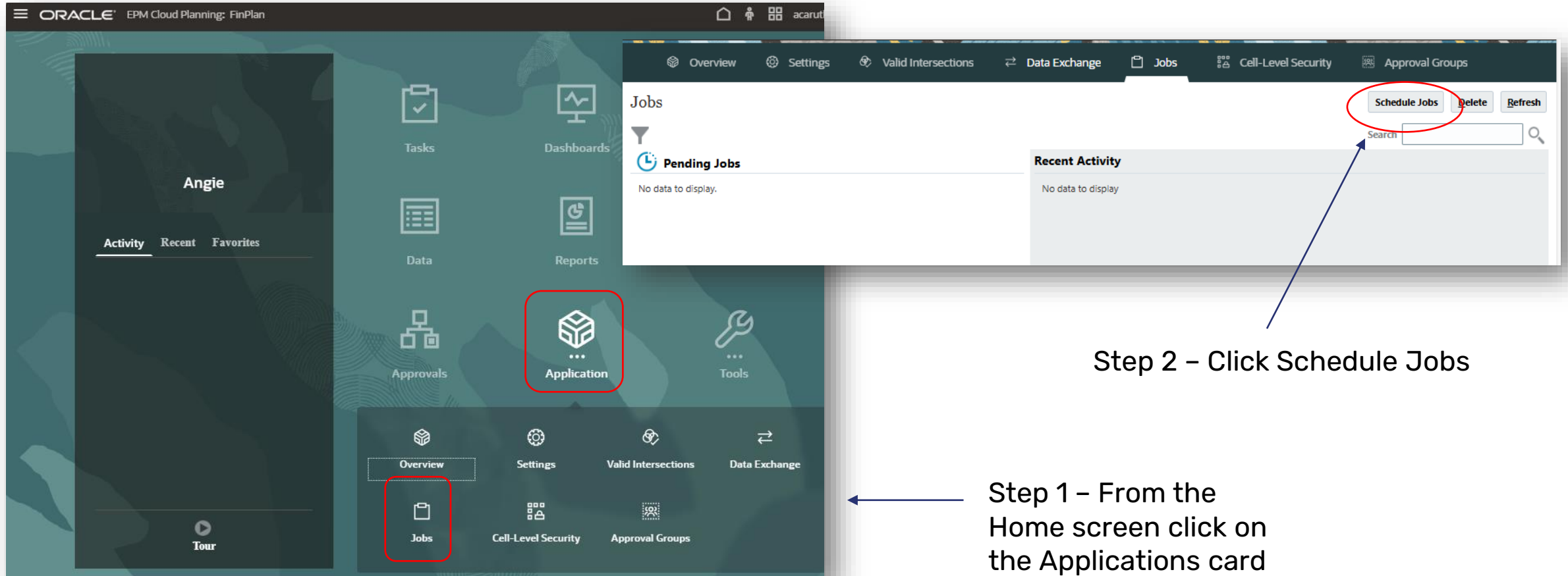


Report packages that need to be sent out regularly on a specific day of the week/month

- First of Month Flash reports
- Daily Close updates
- Weekly Sales or Inventory reports
- Monthly Financial Packages
- Forecast Packages

# Using Jobs to automate Bursting execution

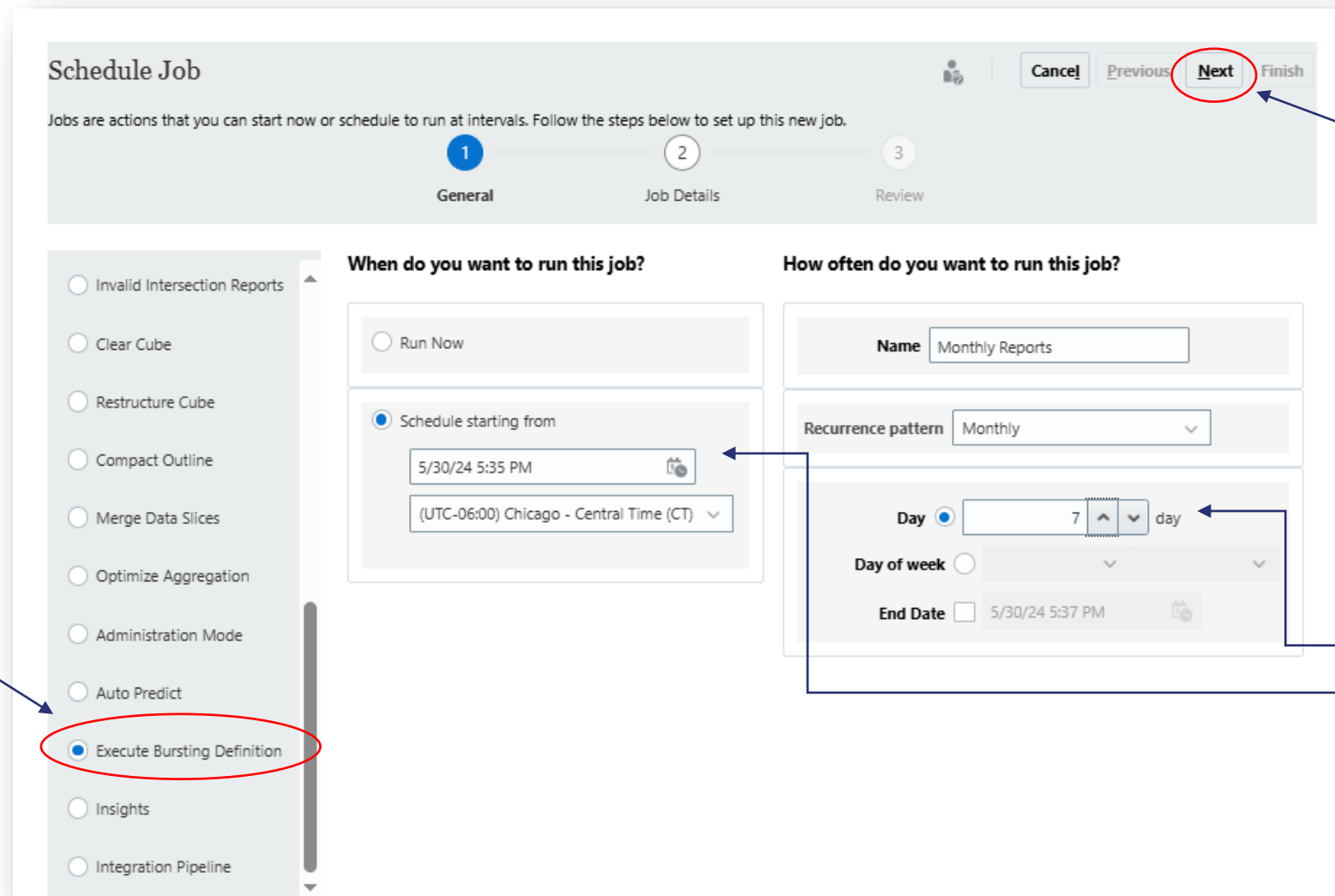
Hands off Reporting!



Step 2 - Click Schedule Jobs

Step 1 - From the Home screen click on the Applications card and then on the jobs card

# Using Jobs to automate Bursting execution



**Schedule Job**

Jobs are actions that you can start now or schedule to run at intervals. Follow the steps below to set up this new job.

1 General 2 Job Details 3 Review

Invalid Intersection Reports

Clear Cube

Restructure Cube

Compact Outline

Merge Data Slices

Optimize Aggregation

Administration Mode

Auto Predict

**Execute Bursting Definition**

Insights

Integration Pipeline

**When do you want to run this job?**

Run Now

Schedule starting from

5/30/24 5:35 PM

(UTC-06:00) Chicago - Central Time (CT)

**How often do you want to run this job?**

Name: Monthly Reports

Recurrence pattern: Monthly

Day: 7 day

Day of week: [dropdown]

End Date:  5/30/24 5:37 PM

Cancel Previous **Next** Finish

Step 3 – Scroll down the list of available job type and select the radio button for Execute Bursting Definition

Step 5 – Click Next to go to the Job Details tab and select the Bursting Definition you wish to use

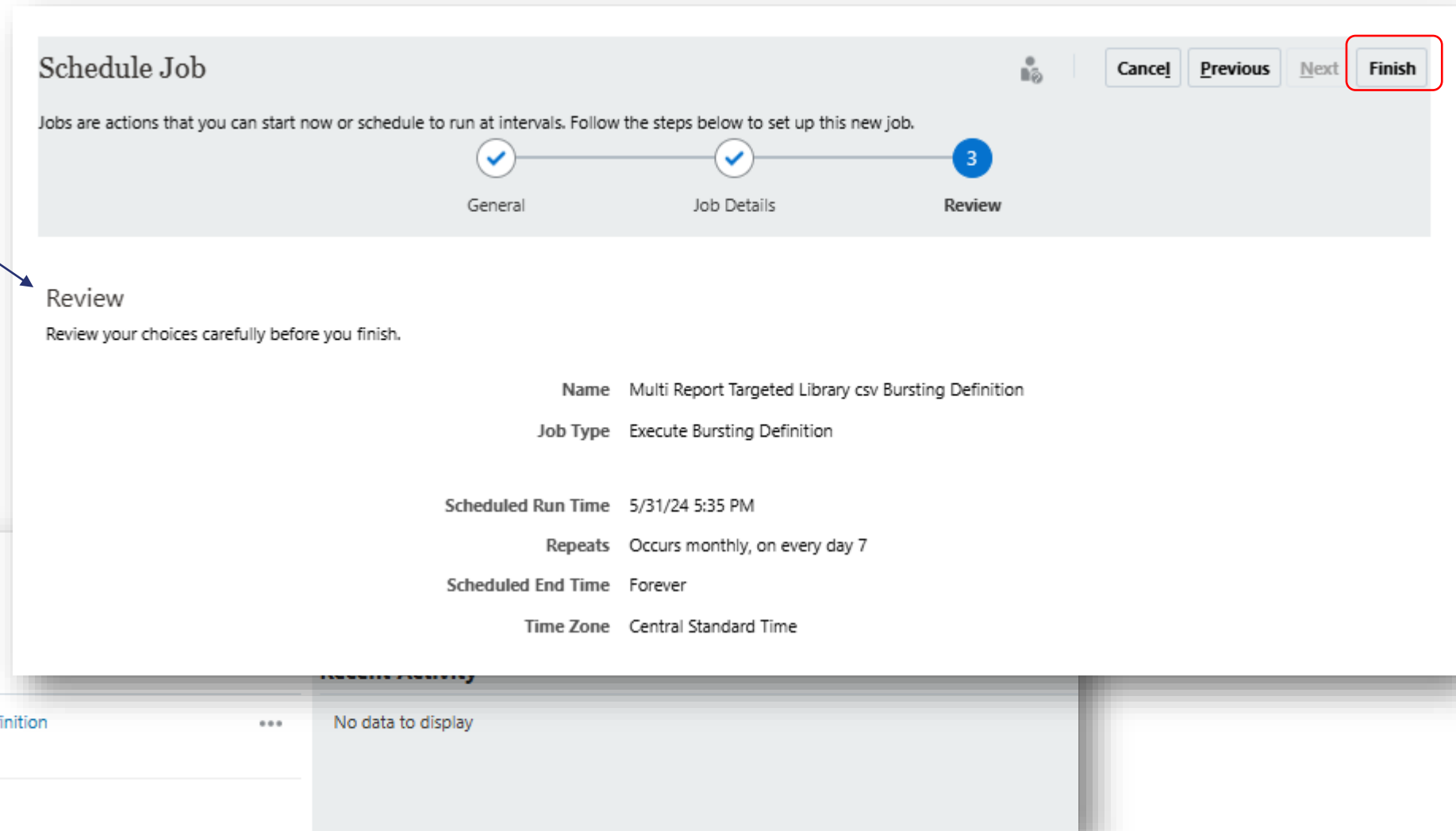
Step 4 – Select the start Date and Time and the Recurrence pattern



# Using Jobs to automate Bursting execution

Step 6 – Click Next to go to the Review tab and confirm your selection

Step 7 – Click Finish and view your new Automated Job in the Schedule window



**Schedule Job** Cancel Previous Next Finish

Jobs are actions that you can start now or schedule to run at intervals. Follow the steps below to set up this new job.

Progress: General (✓) — Job Details (✓) — **Review (3)**


**Review**  
Review your choices carefully before you finish.

<b>Name</b>	Multi Report Targeted Library csv Bursting Definition
<b>Job Type</b>	Execute Bursting Definition
<b>Scheduled Run Time</b>	5/31/24 5:35 PM
<b>Repeats</b>	Occurs monthly, on every day 7
<b>Scheduled End Time</b>	Forever
<b>Time Zone</b>	Central Standard Time

**Jobs**

Filter

**Pending Jobs**

<input type="checkbox"/>	 Monthly Reports : Execute Bursting Definition	...	No data to display
	6/7/24 5:35 PM		

# Resources

Oracle Links



[Working with Books \(oracle.com\)](#)

[Working with Bursting \(oracle.com\)](#)

[Using a Targeted Distribution File \(oracle.com\)](#)

[Managing Jobs \(oracle.com\)](#)

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# THANK YOU

Angie Caruthers



469.867.9017



[www.olympusconsulting.com](http://www.olympusconsulting.com)



[angie@olympusconsulting.com](mailto:angie@olympusconsulting.com)



Frisco, Texas



# ODTUG Kscope24

nashville, tn

july 14 - 18



**Don't Forget To Fill Out Your Evals**