APOS

Extend Analytics Content Access with Bursting & Publishing

Today's Session

Key Topics

Content Access Needs

- Personalized Content
- Content Format & Destination
- Content Consolidation

- Q&A – see webinar console

APOS

Today's Presenters

PETER WARREN

Account Manager
APOS

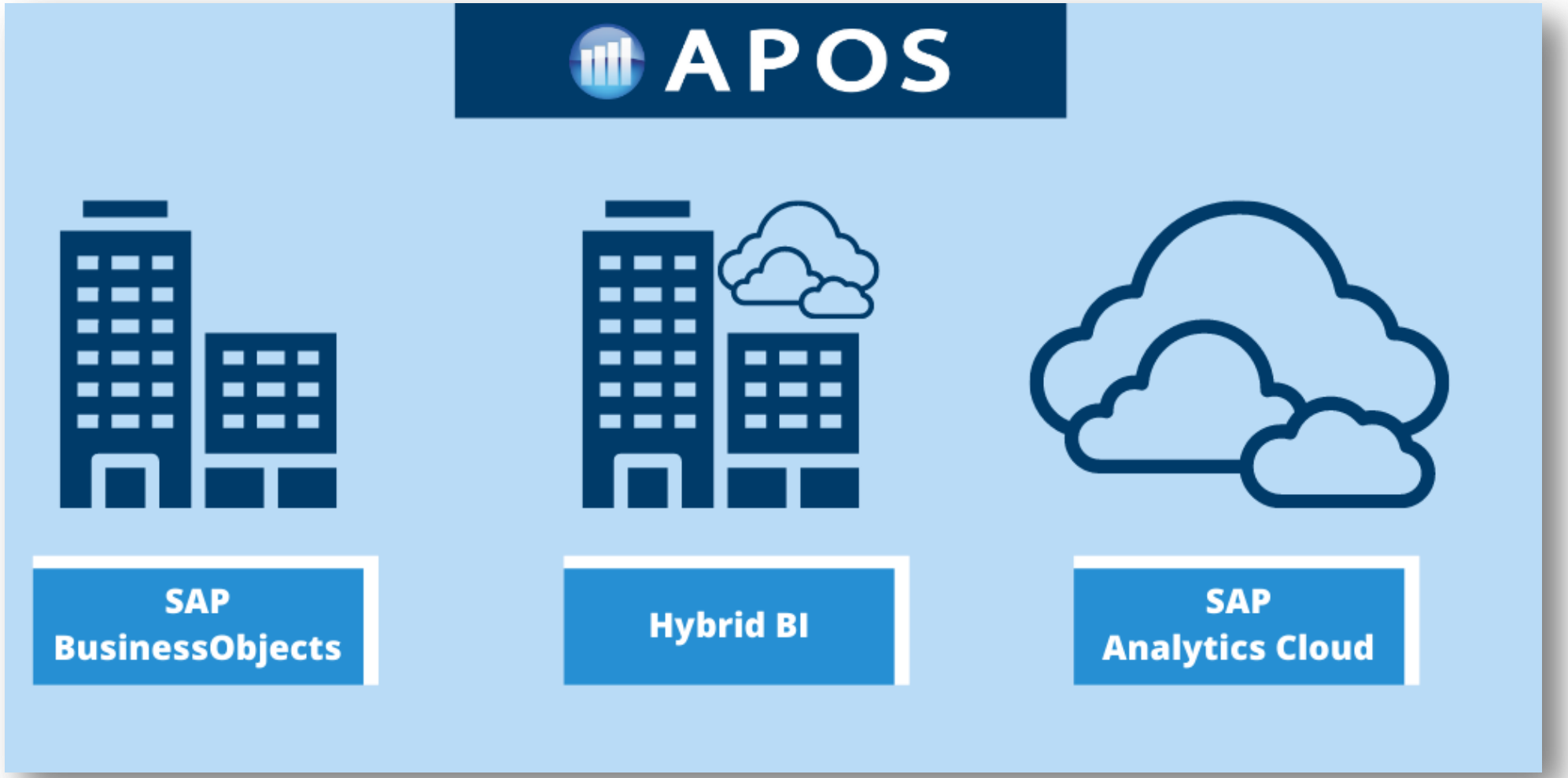
FRED WALTHER

Senior Solution Consultant
APOS

Who is APOS?

- Formed in 1992
- Enabling BI platform management, administration, migration, governance and compliance
- Simplifying, automating, extending SAP BusinessObjects and SAP Analytics Cloud
- Strategic SDK development and consulting
- Hundreds of customers globally

SAP Partner


APOS
SAP BusinessObjects
Hybrid BI
SAP Analytics Cloud

HOUSEKEEPING

You will have access to the slides via email

You will get the recording within 24 hours

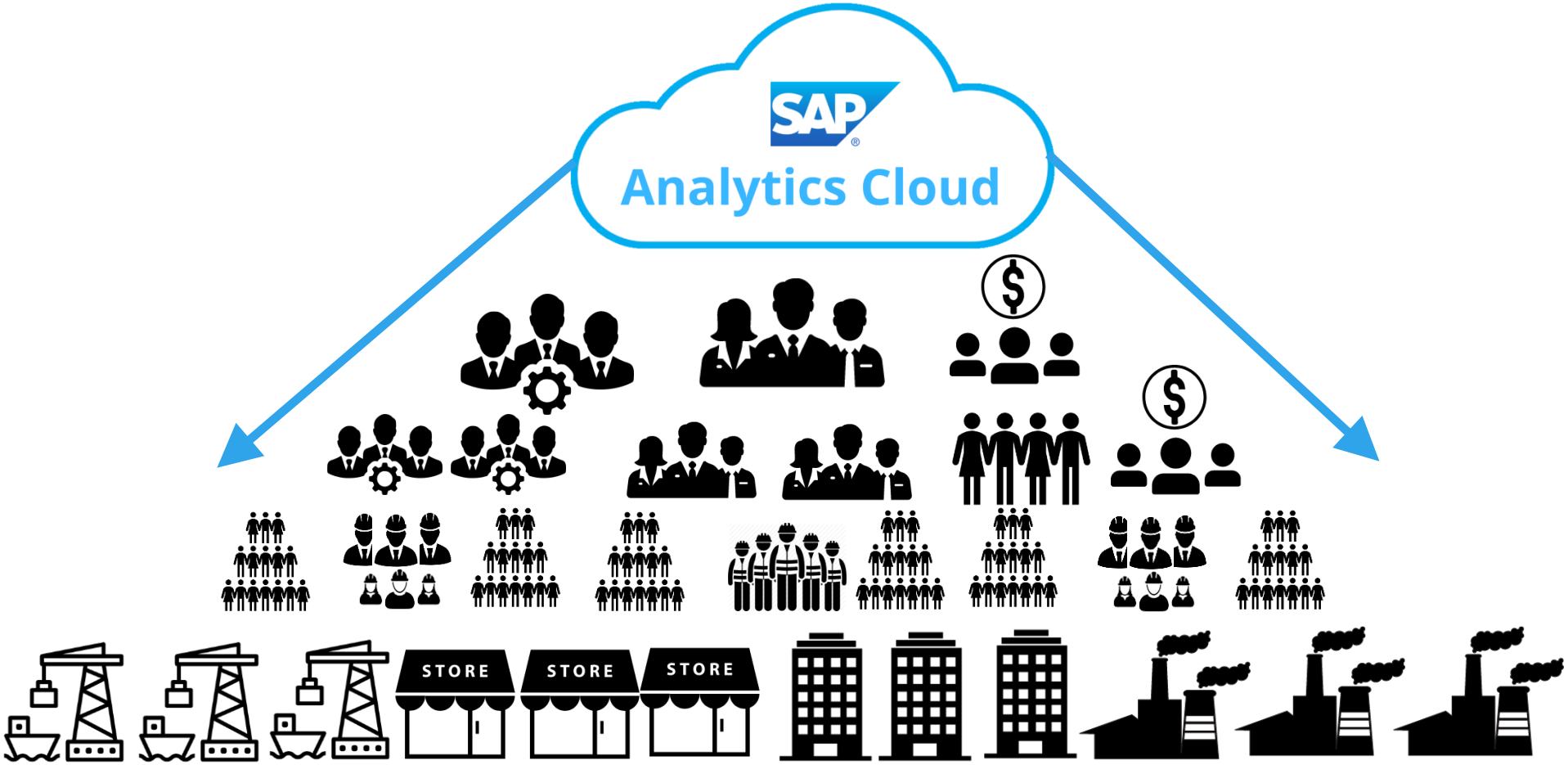
Tell us how we did in the survey

SAC Analytics

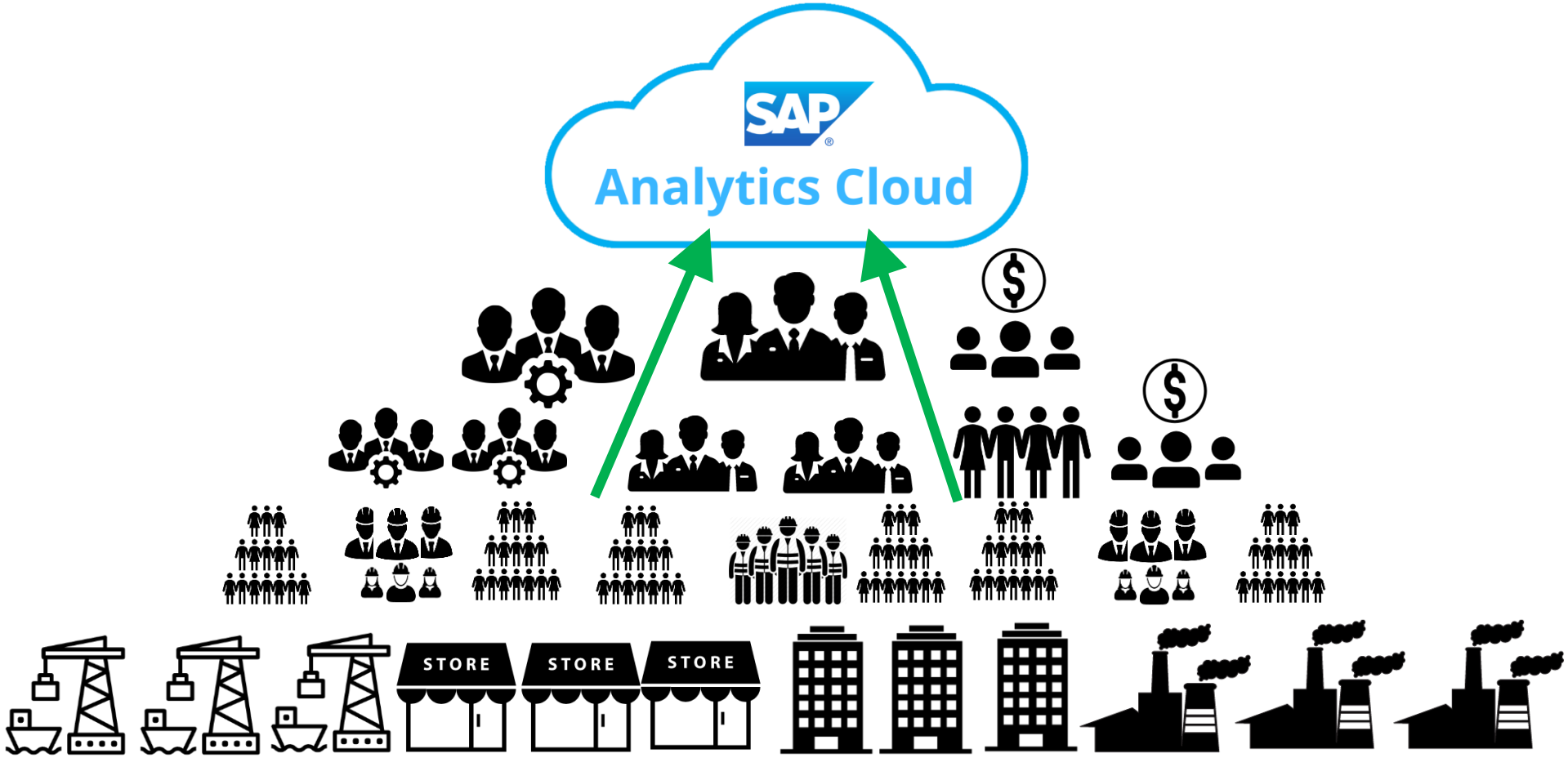
Extend Analytics

Extend Analytics

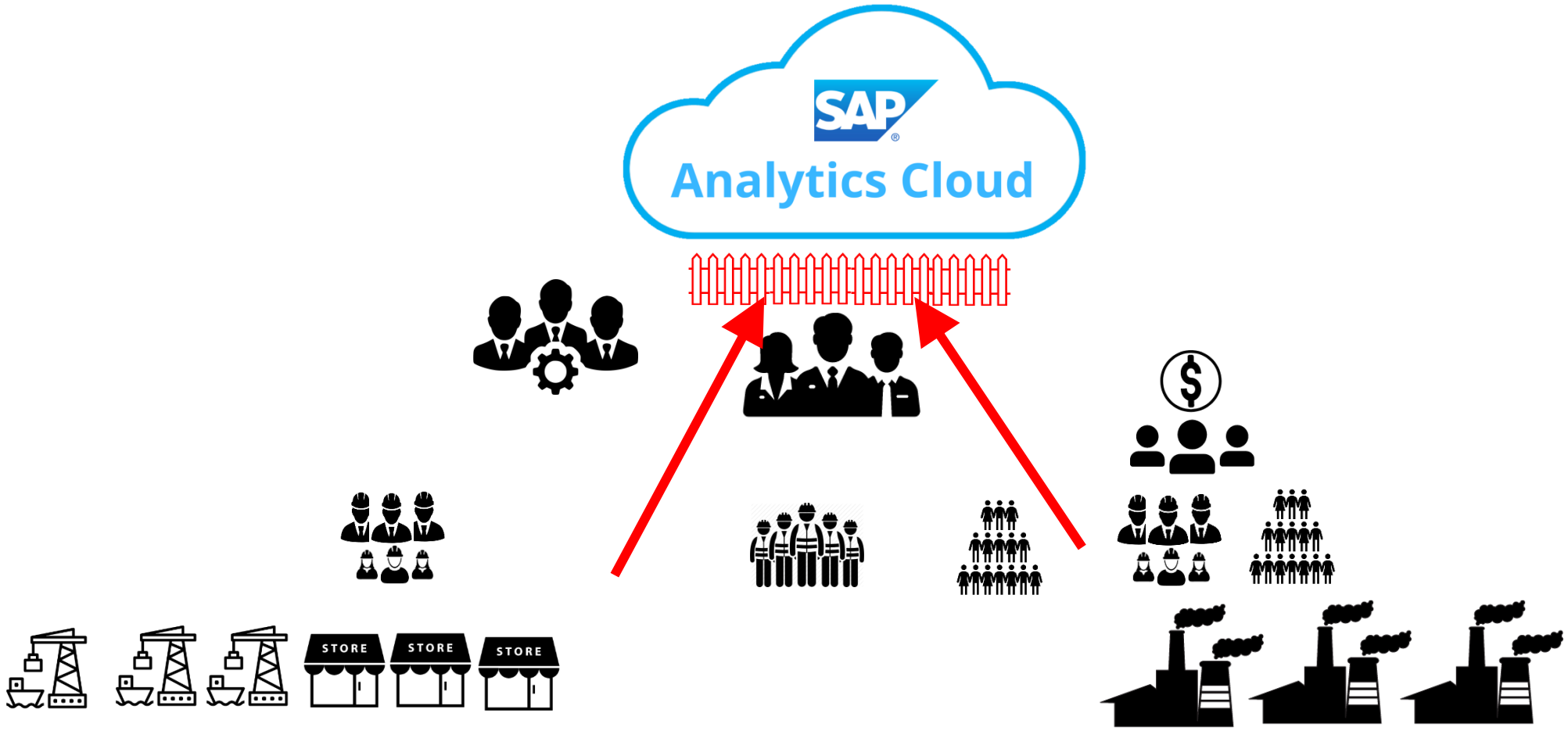
Extend Analytics



Extend Analytics



Extend Analytics

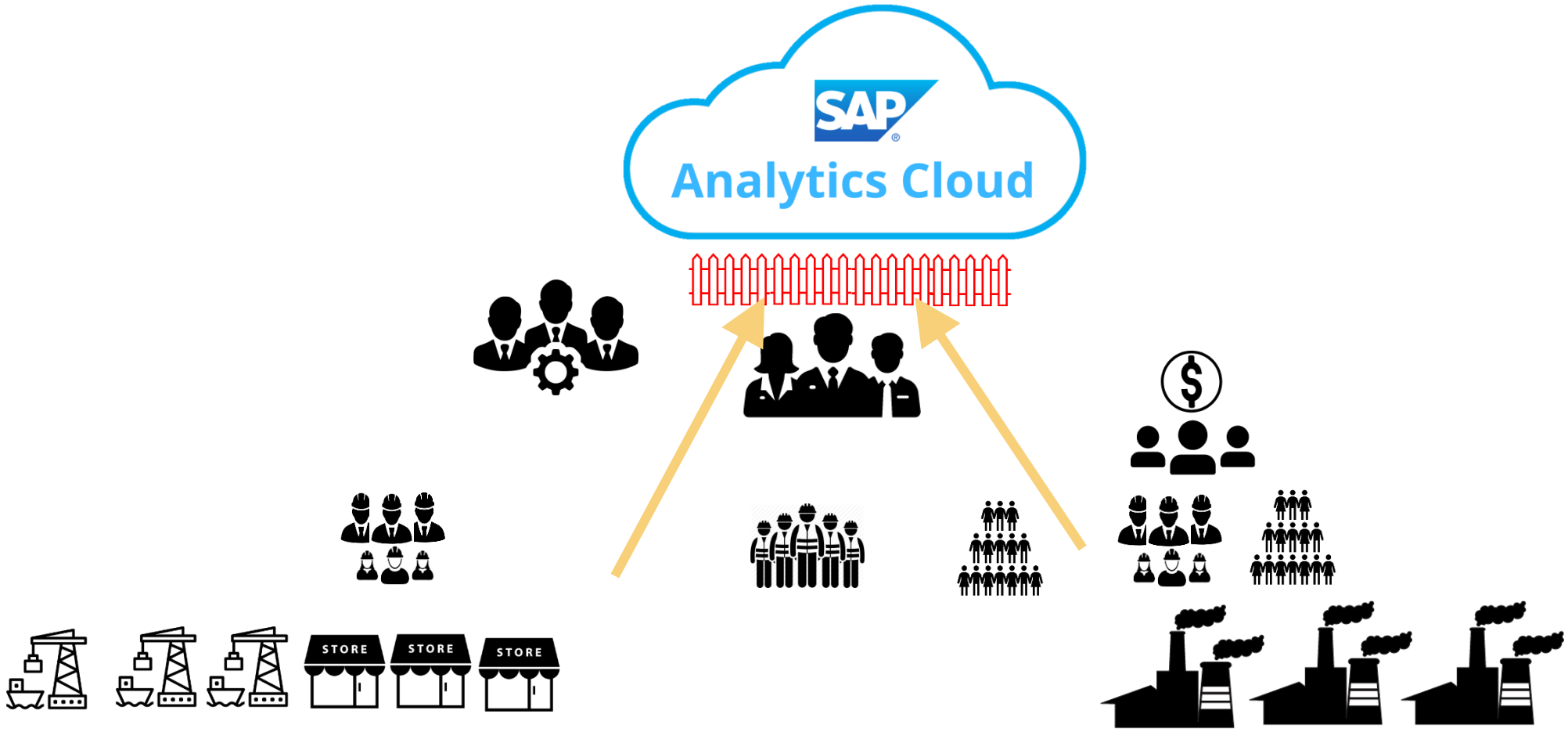


Remote / Connectivity

External Users
Suppliers
Customers

Workflow Expectations

Extend Analytics

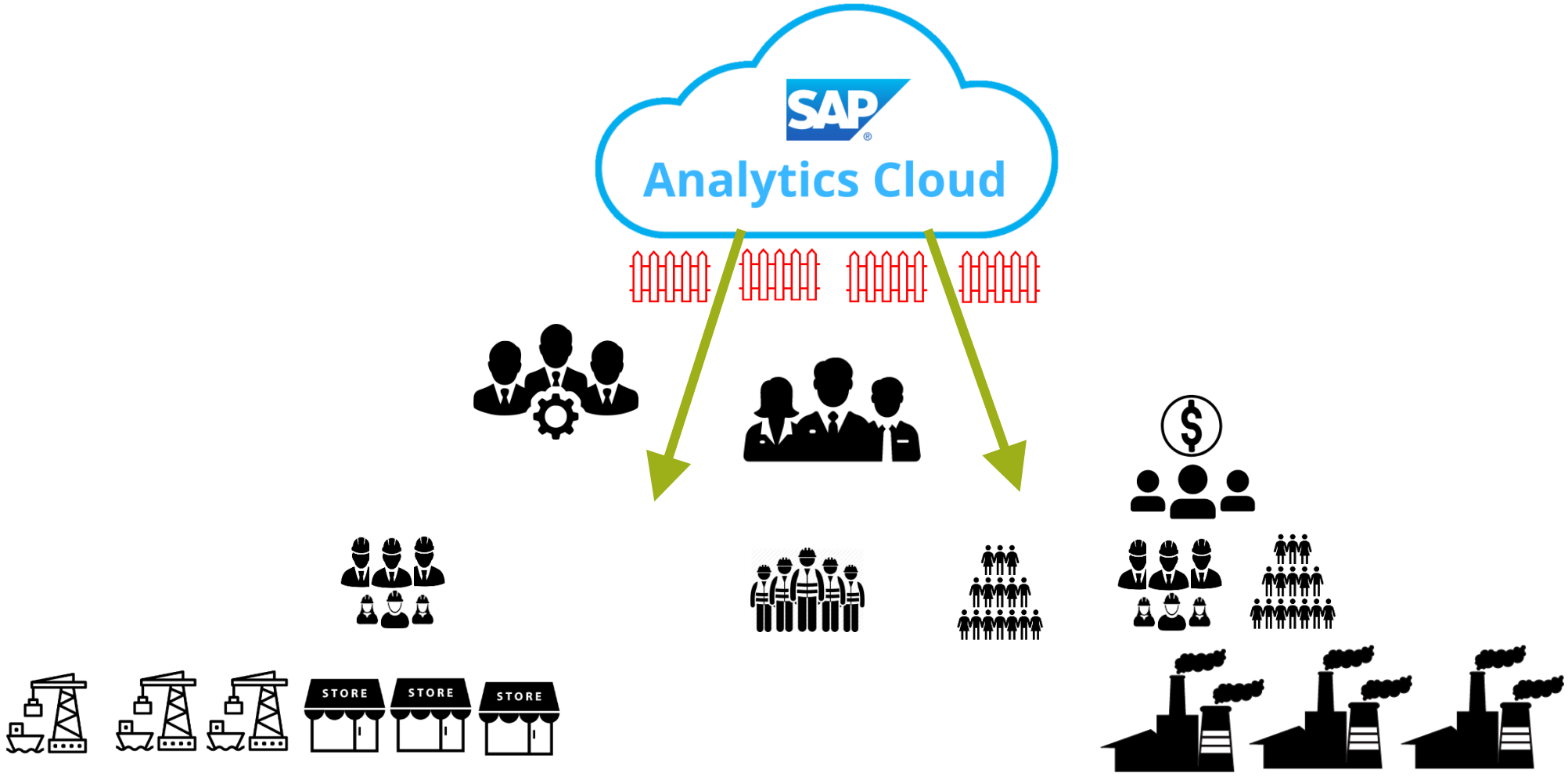


Remote / Connectivity

External Users
Suppliers
Customers

Workflow Expectations

Extend SAC Analytics

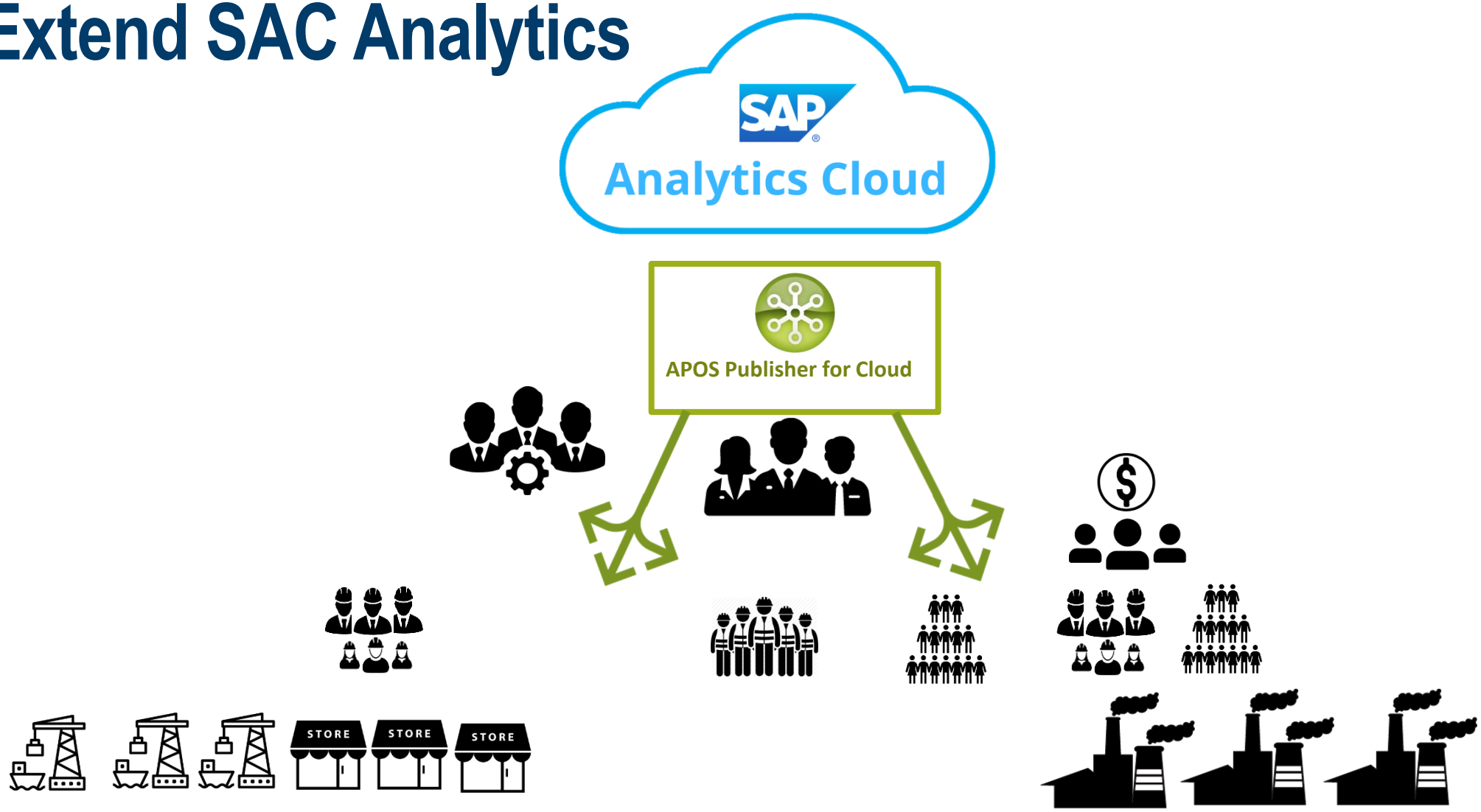


Remote Workforce

External Users
Suppliers
Customers

Workflow Expectations

Extend SAC Analytics



EXTEND

SAP ANALYTICS

Fred Walther
Senior Solution Consultant
APOS

APOS Publisher for Cloud

APOS Publisher for Cloud is a software solution that generates tailored versions of report content from SAP Analytics Cloud, and then distributes that analytics content out to targeted users and locations.

The solution functions to broadcast personalized analytics to the right people, at the right time, and in the right format.

Extend SAC Content Access

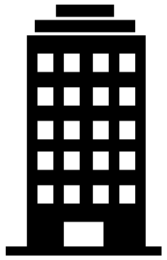
- Personalize
- Format & Destination
- Consolidate

Extend SAC Content Access

Personalize

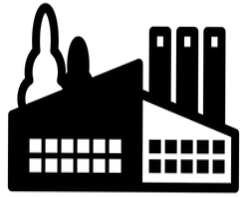
- Groups of Users have consistent information needs across the group
- Individual Users require information and data that is specific to them and their area of responsibility
- Usability and Security

Content Distribution Requirements



Regional Office

Sales Manager



Supplier

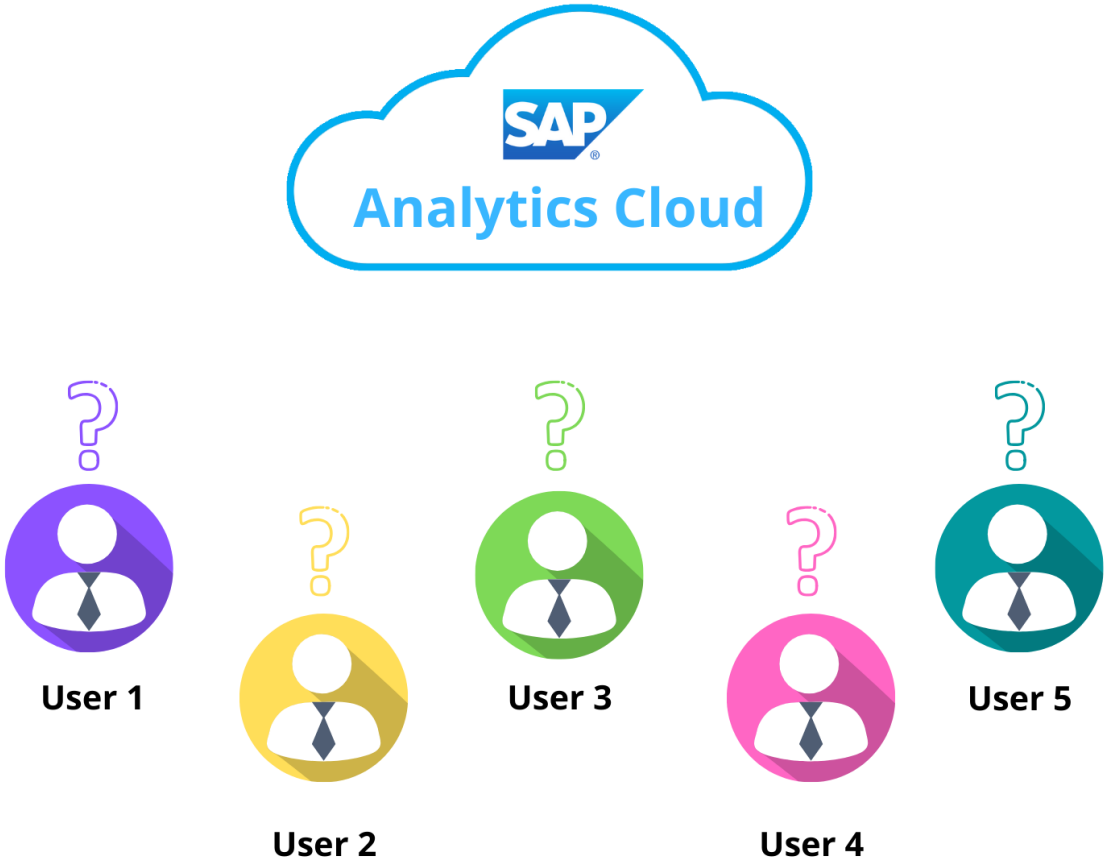
Consistent Information Needs

Regional Office 1 | Regional Office 2 | Regional Office 3 | Regional Office 4 | Regional Office N

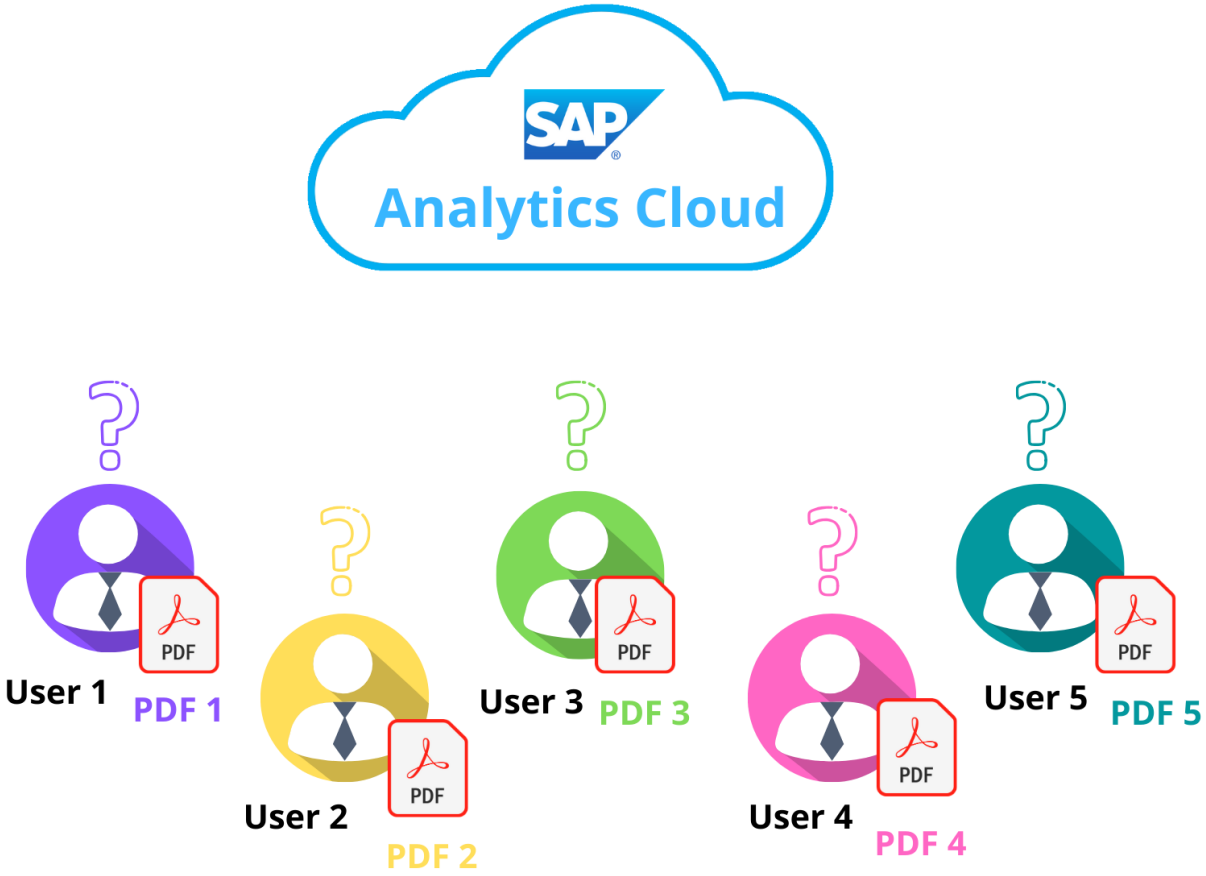
Sales Region 1 | Sales Region 2 | Sales Region 3 | Sales Region 4 | Sales Region N

Supplier 1 | Supplier 2 | Supplier 3 | Supplier 4 | Supplier N

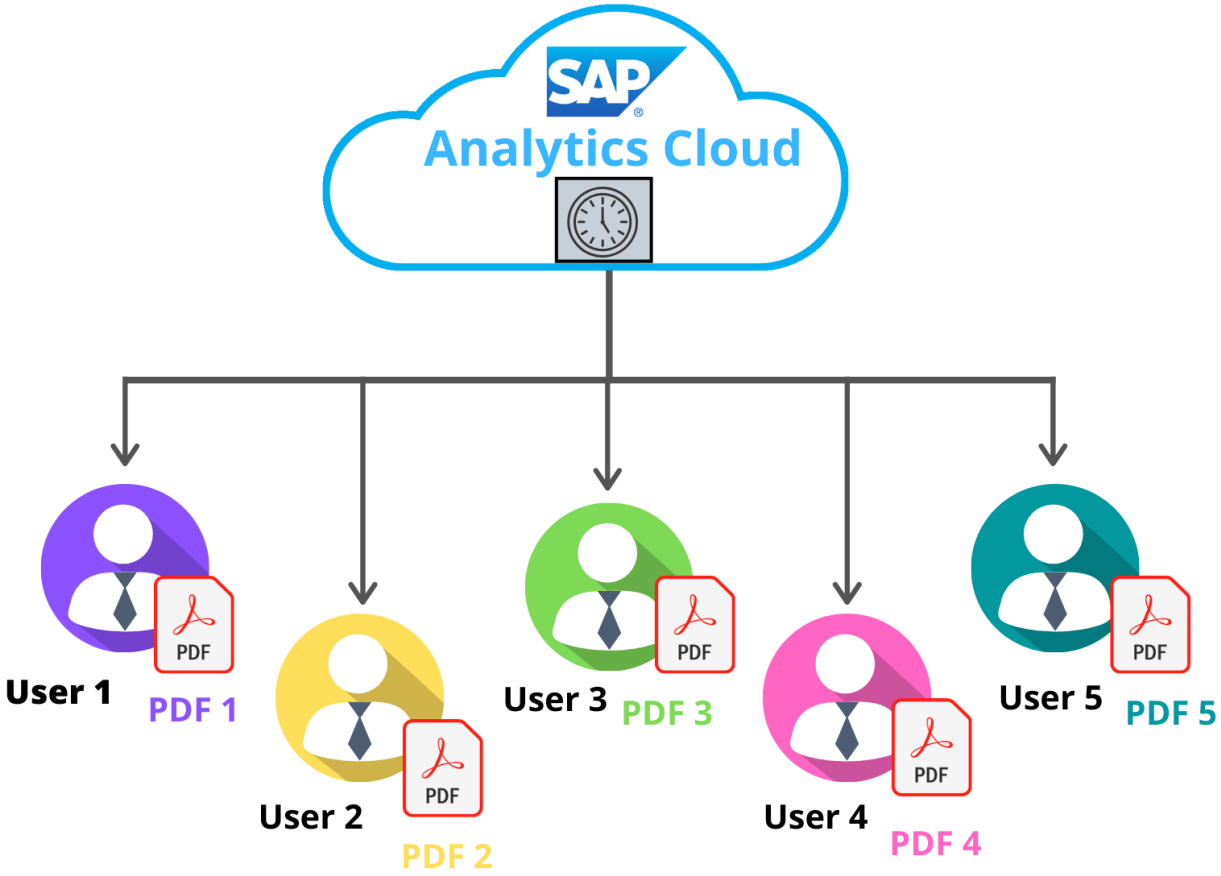
Recipient Specific Information Needs



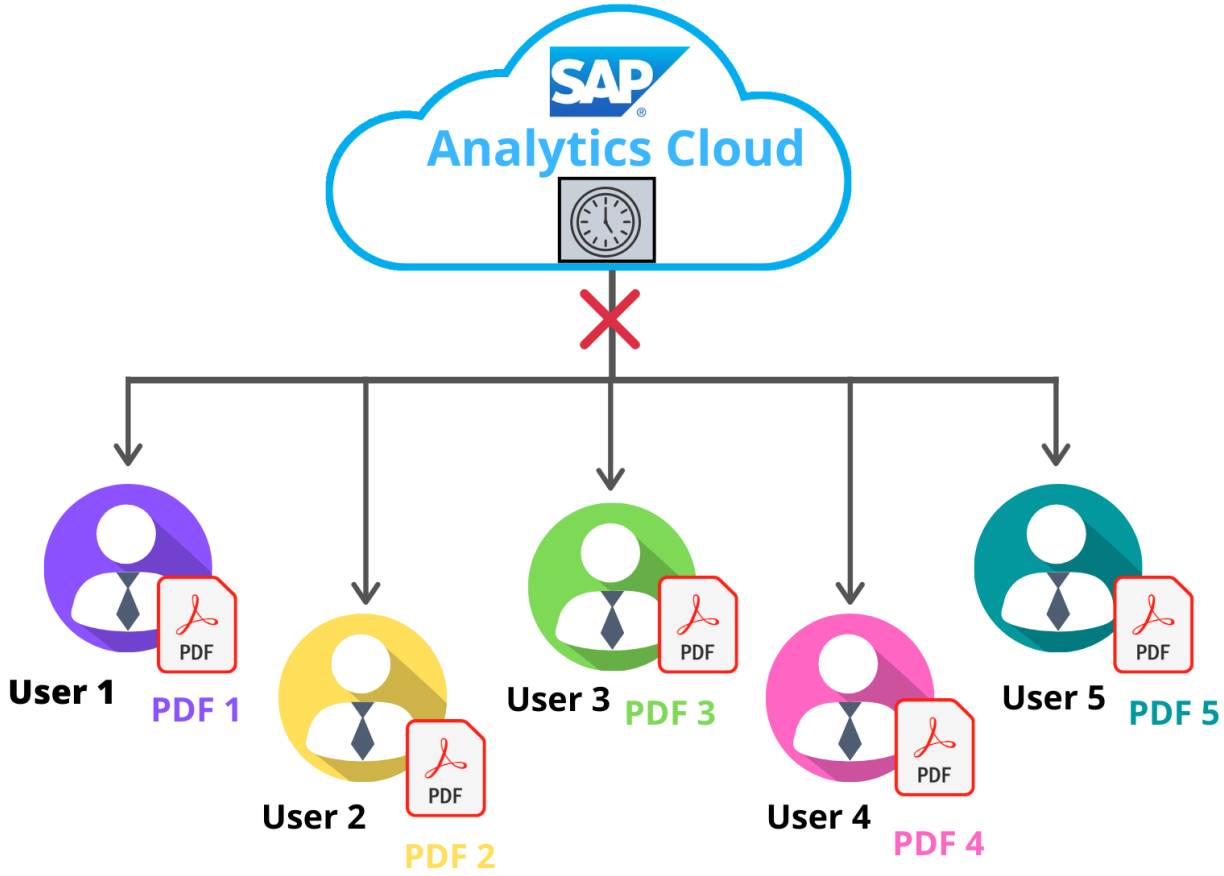
Recipient Specific Information



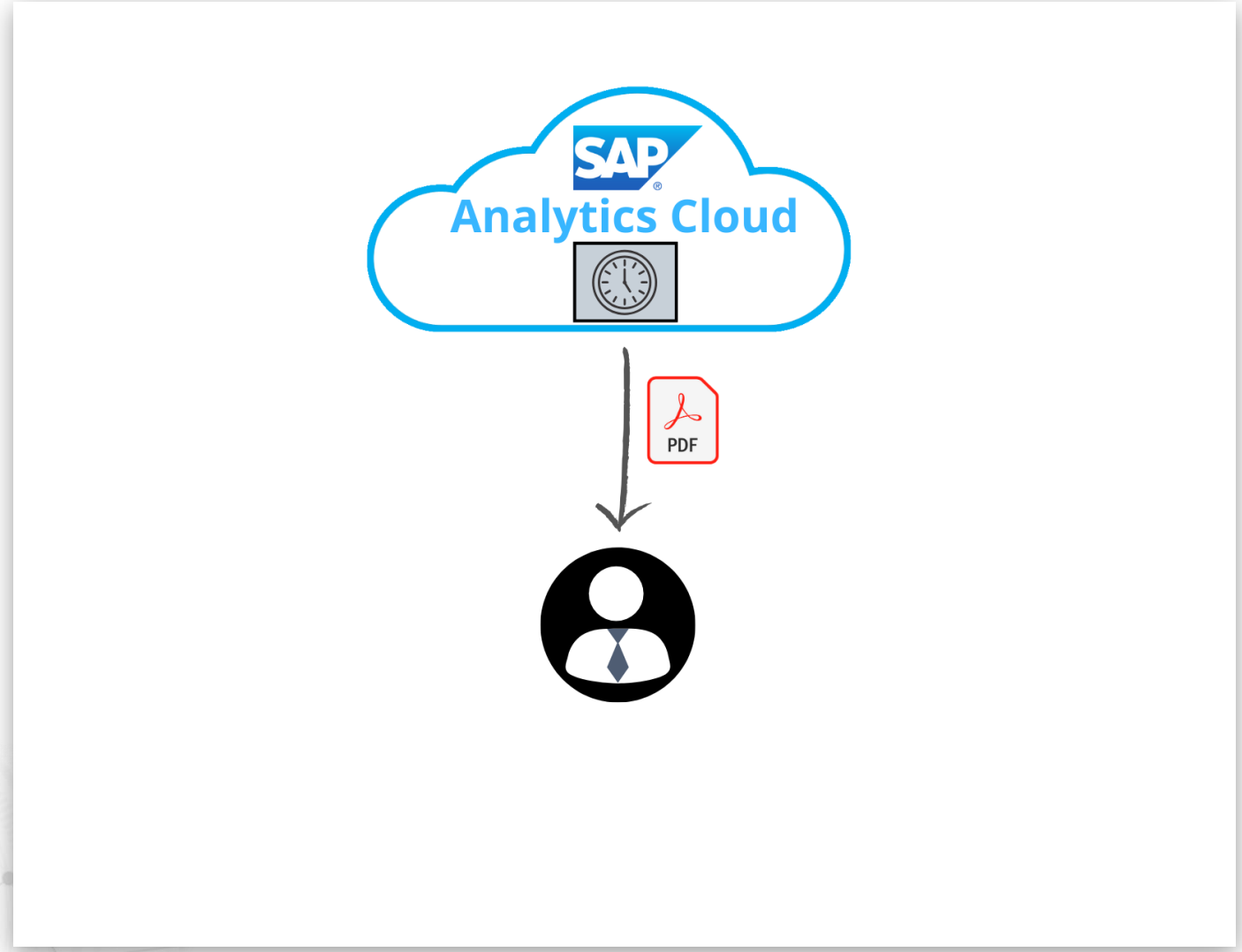
Automated Bursting Process



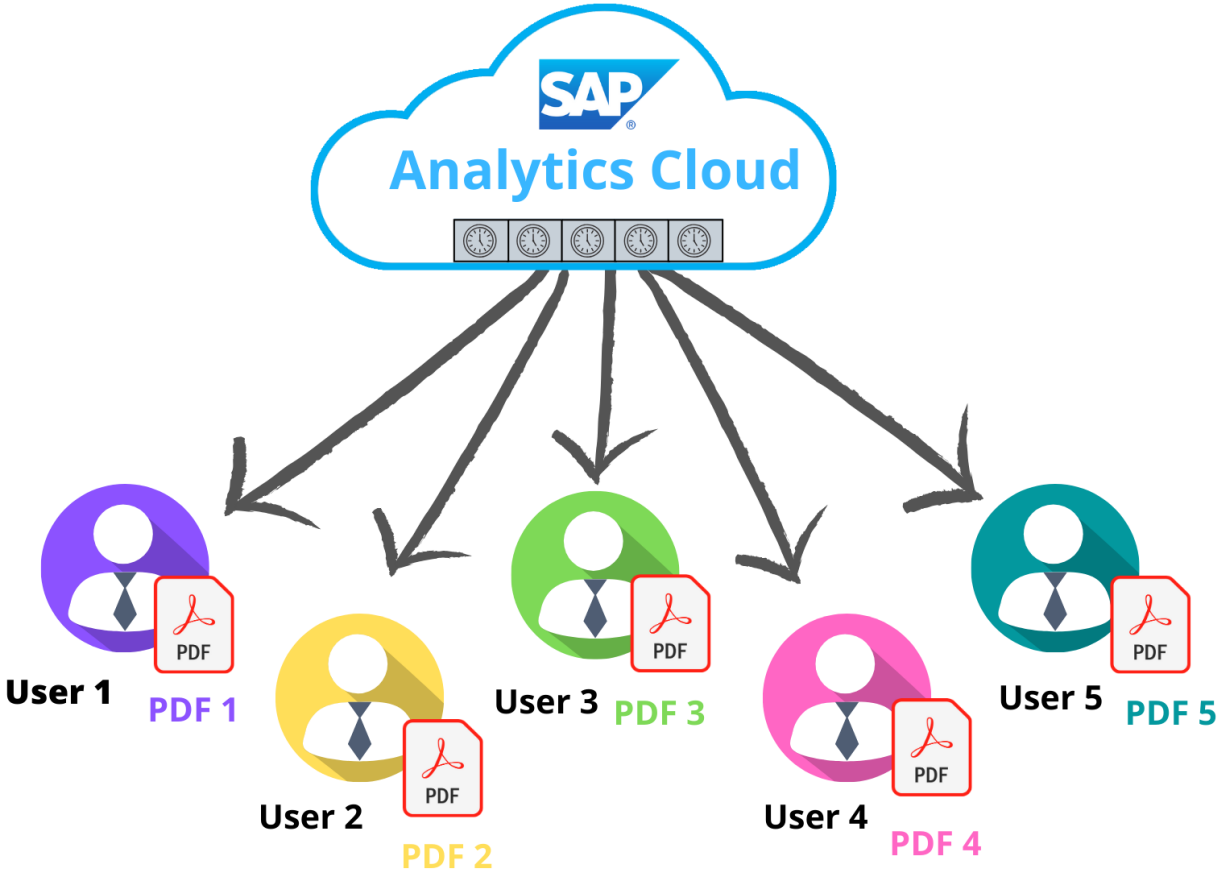
Automated Bursting Process - Not Available



SAC Scheduling



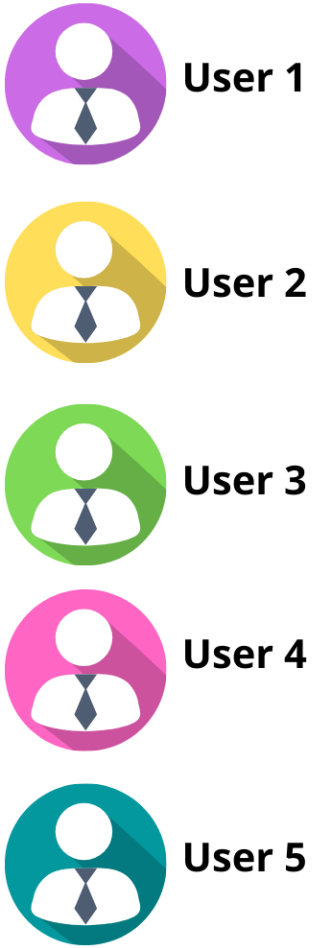
Manage & Maintain - Challenges



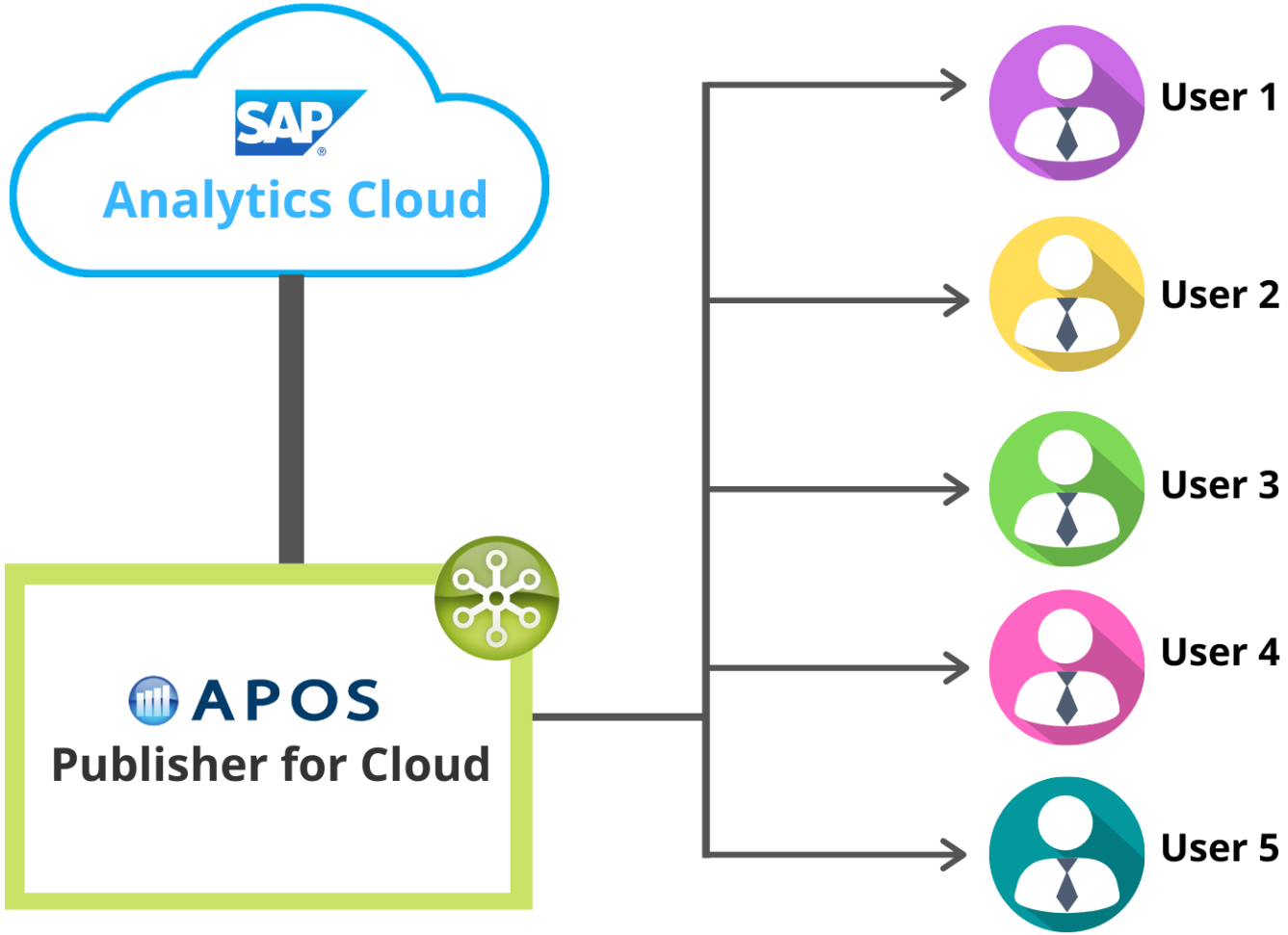
APOS Publisher for Cloud

APOS Publisher for Cloud

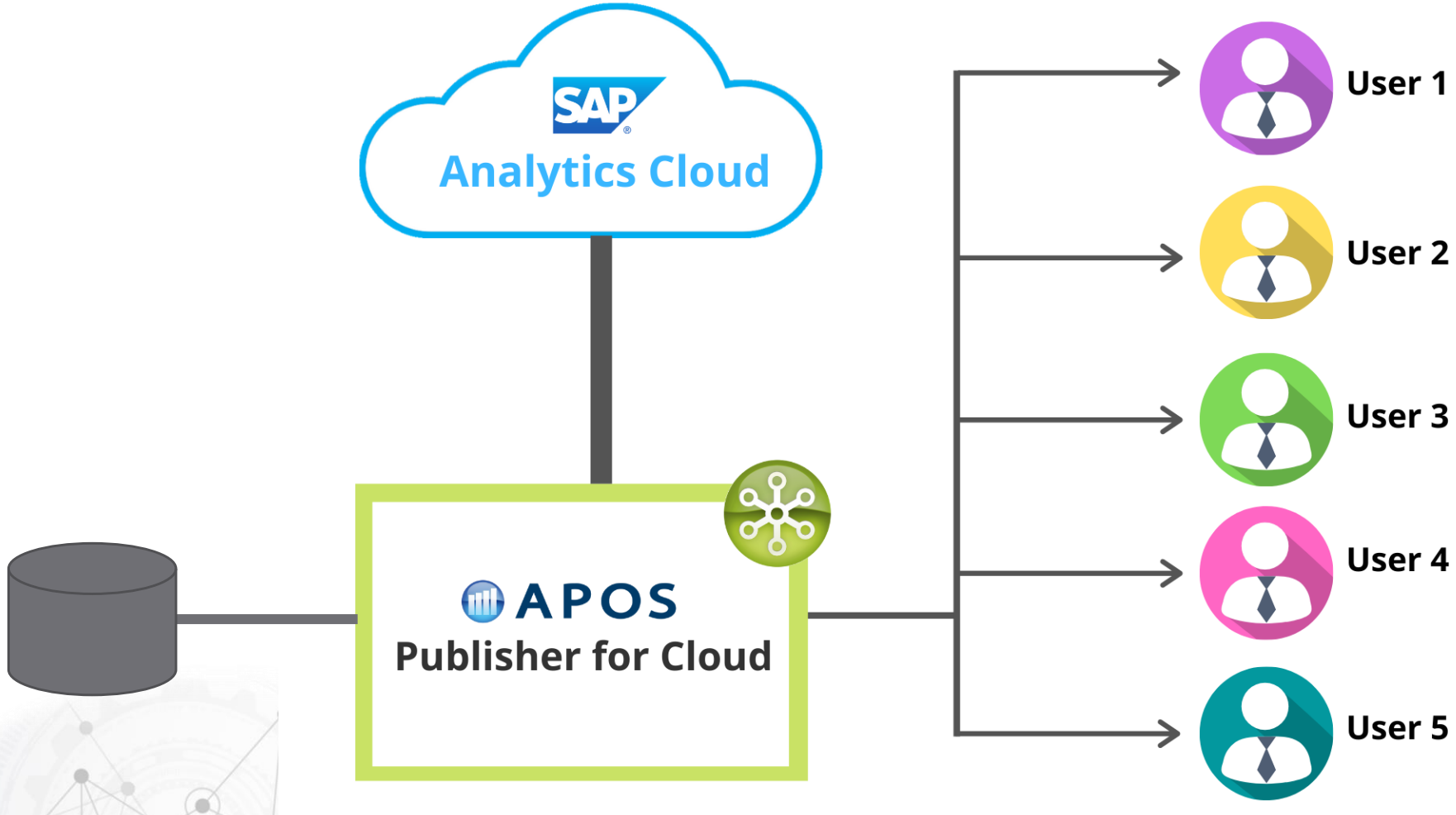
APOS Publisher for Cloud



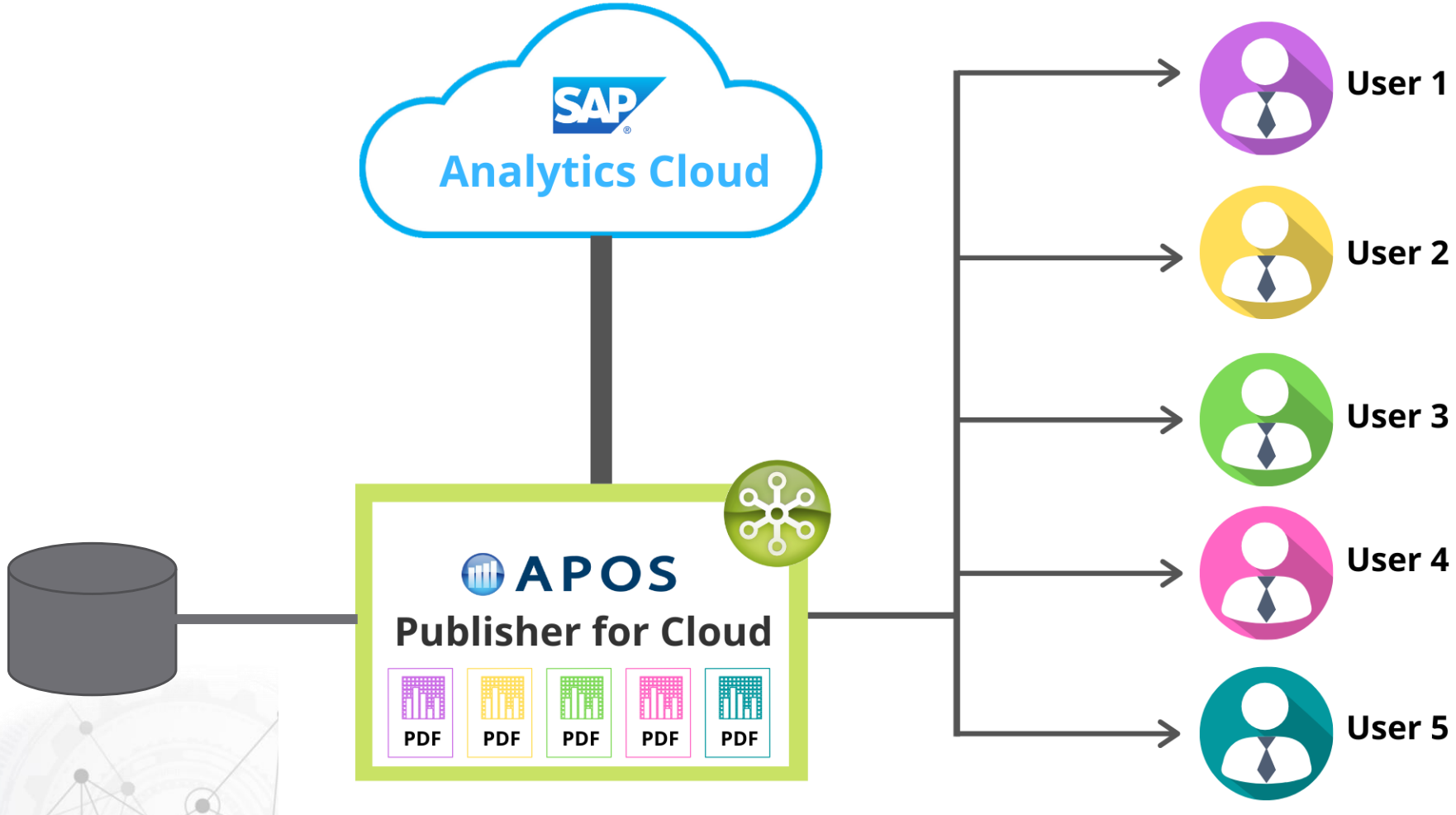
Recipient Specific Information Needs



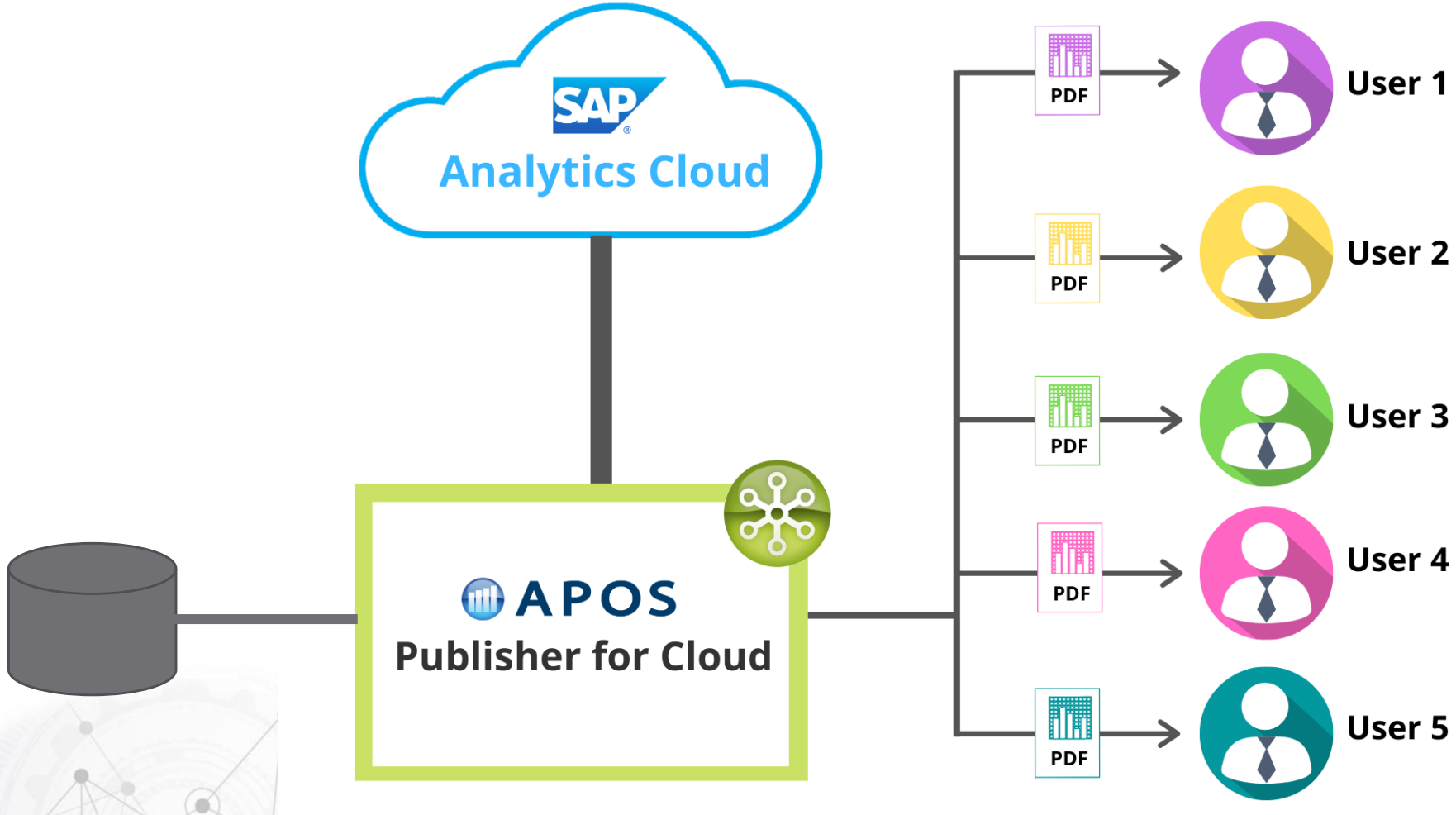
Data-Driven Bursting Process



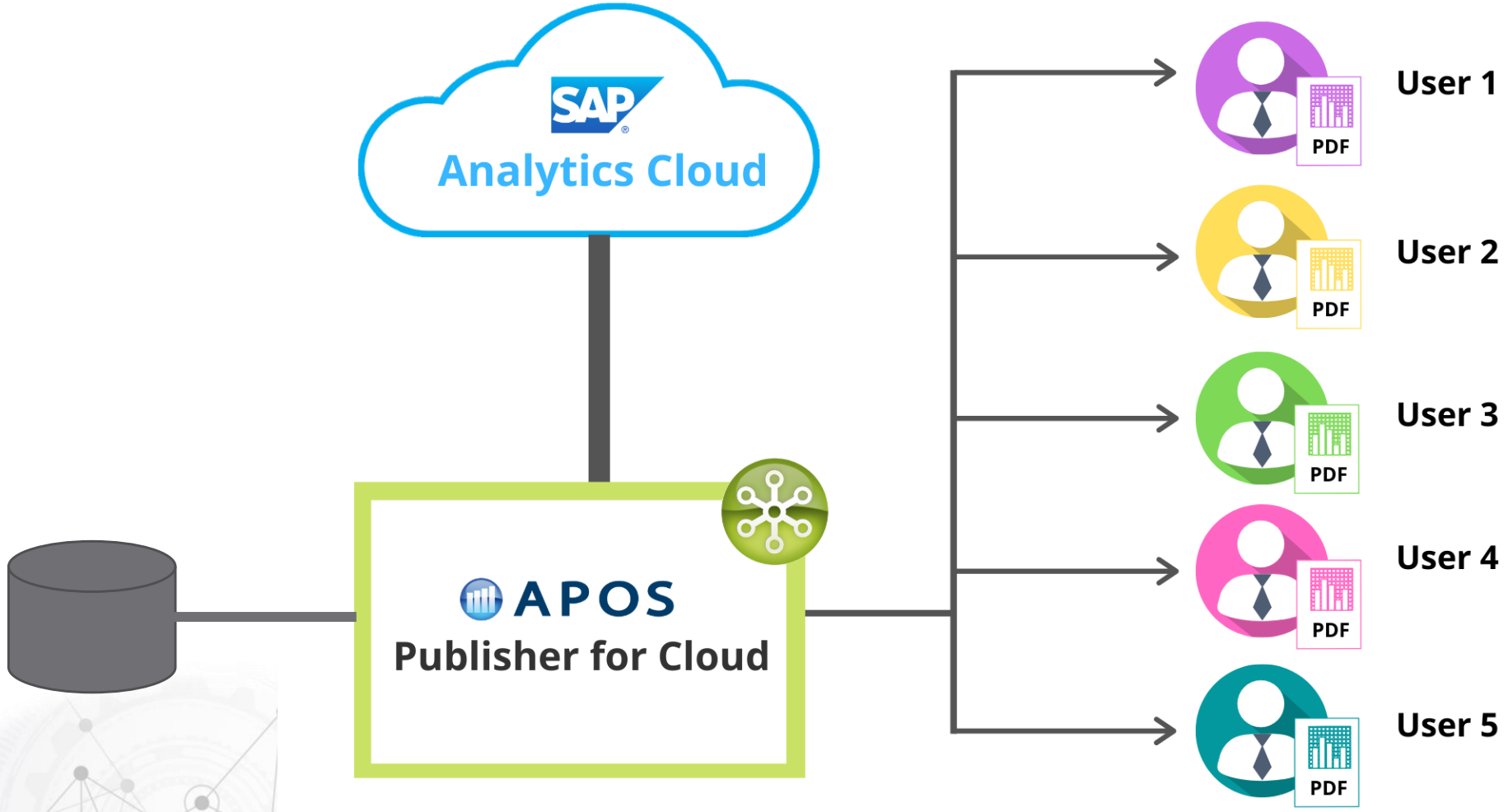
Personalized, Recipient Specific Information



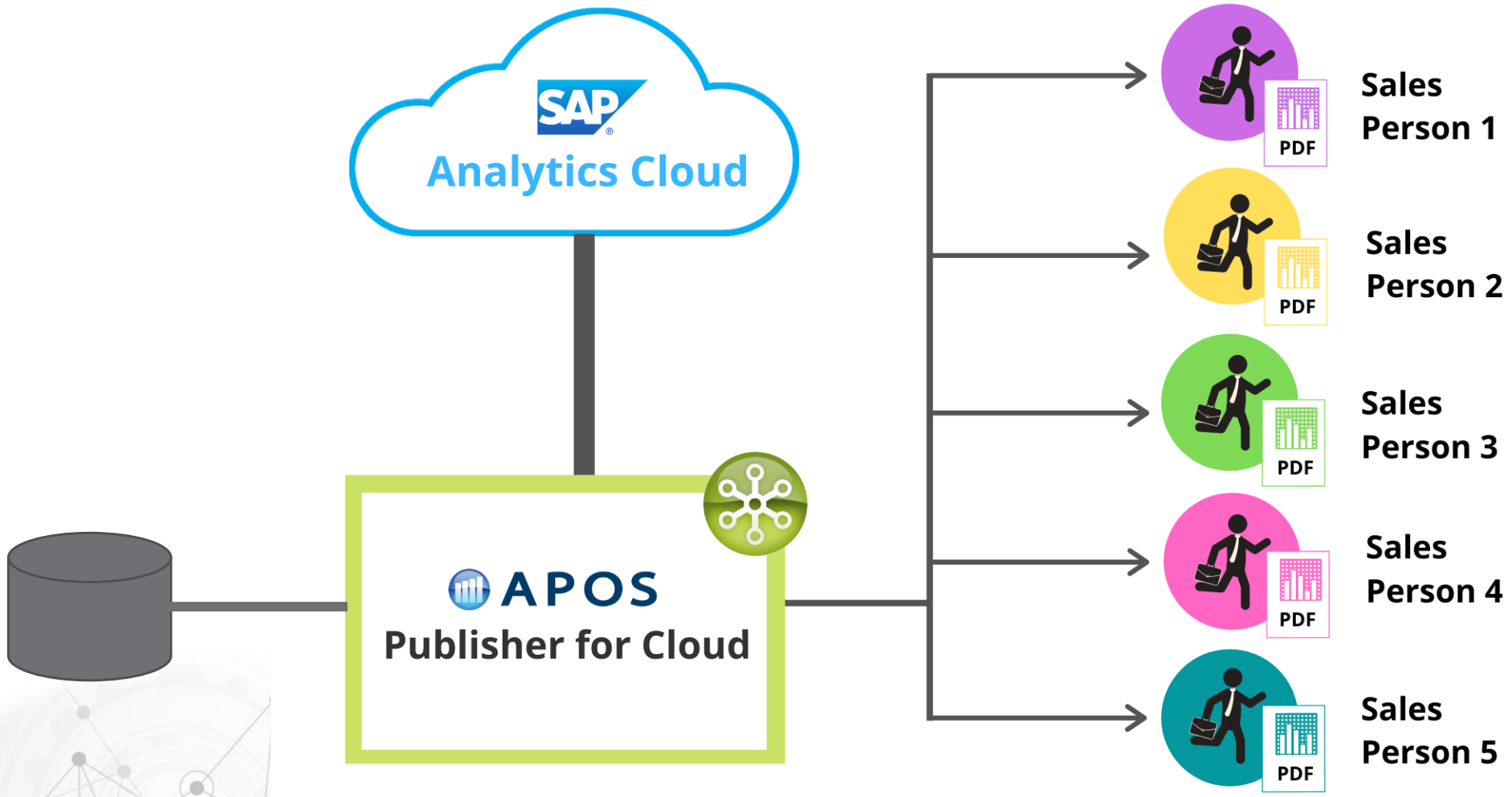
Personalized Content Pushed to Recipient



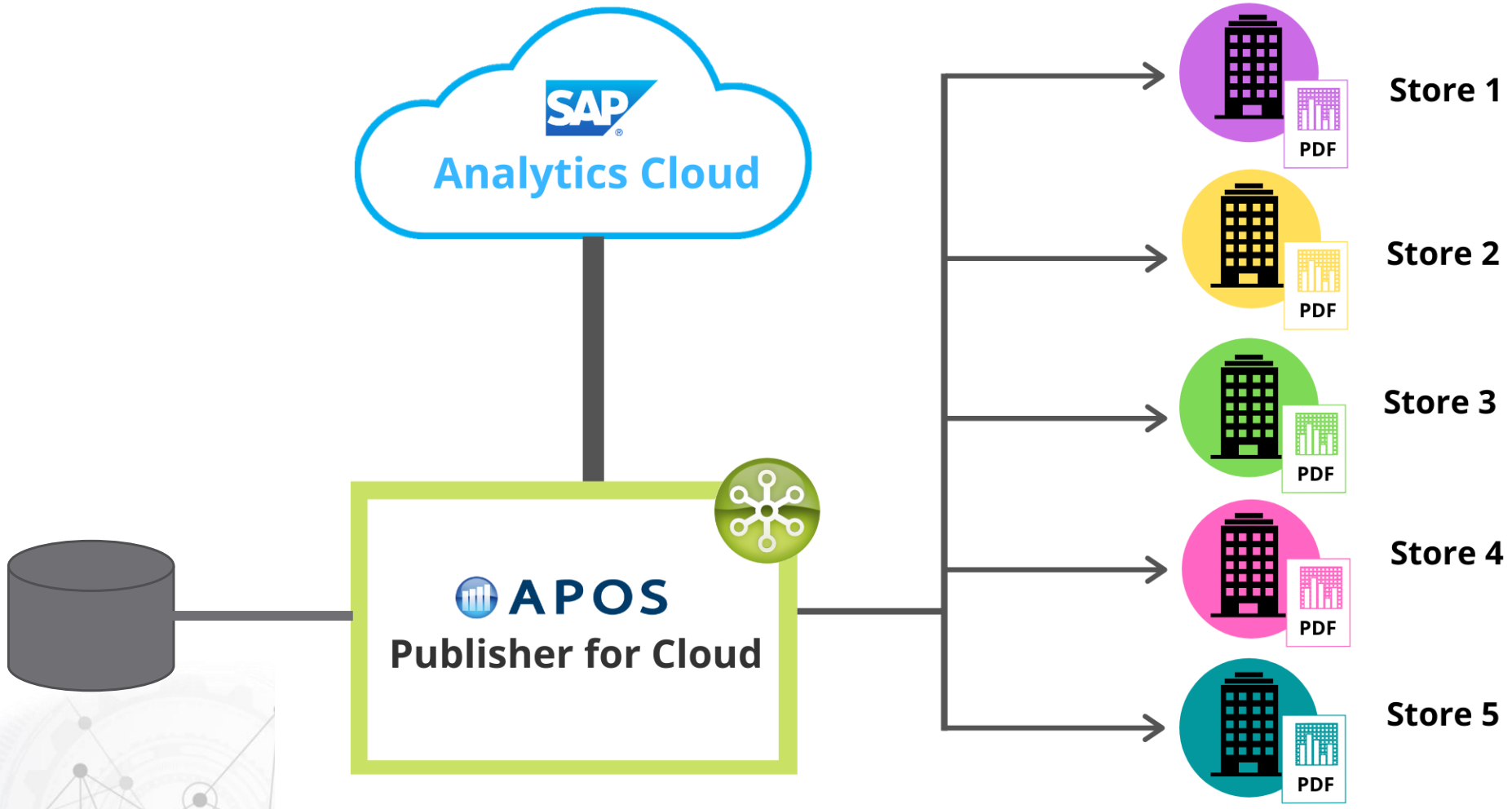
Personalized Content Pushed to Recipient



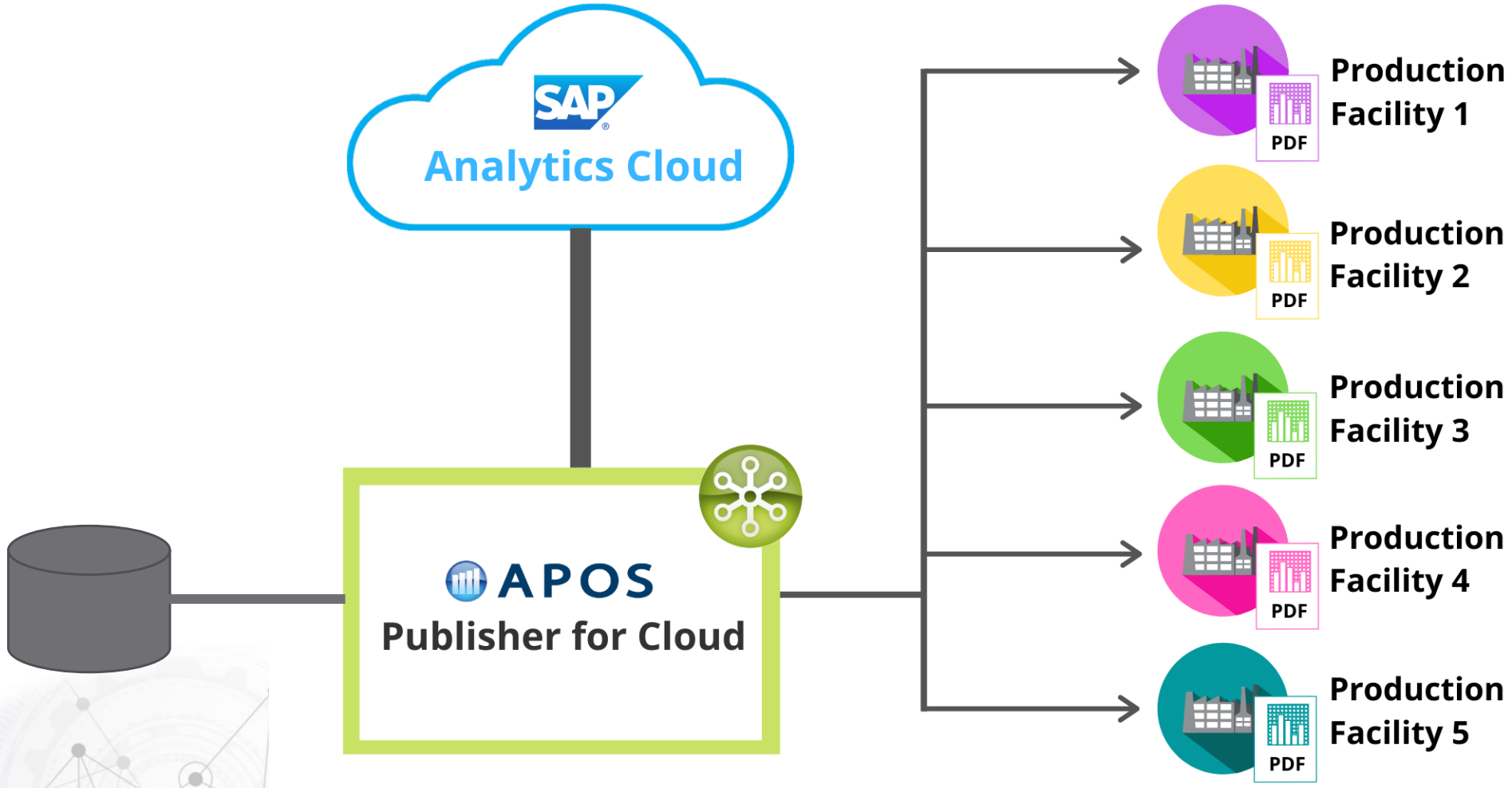
Personalized Content to Targeted Recipient



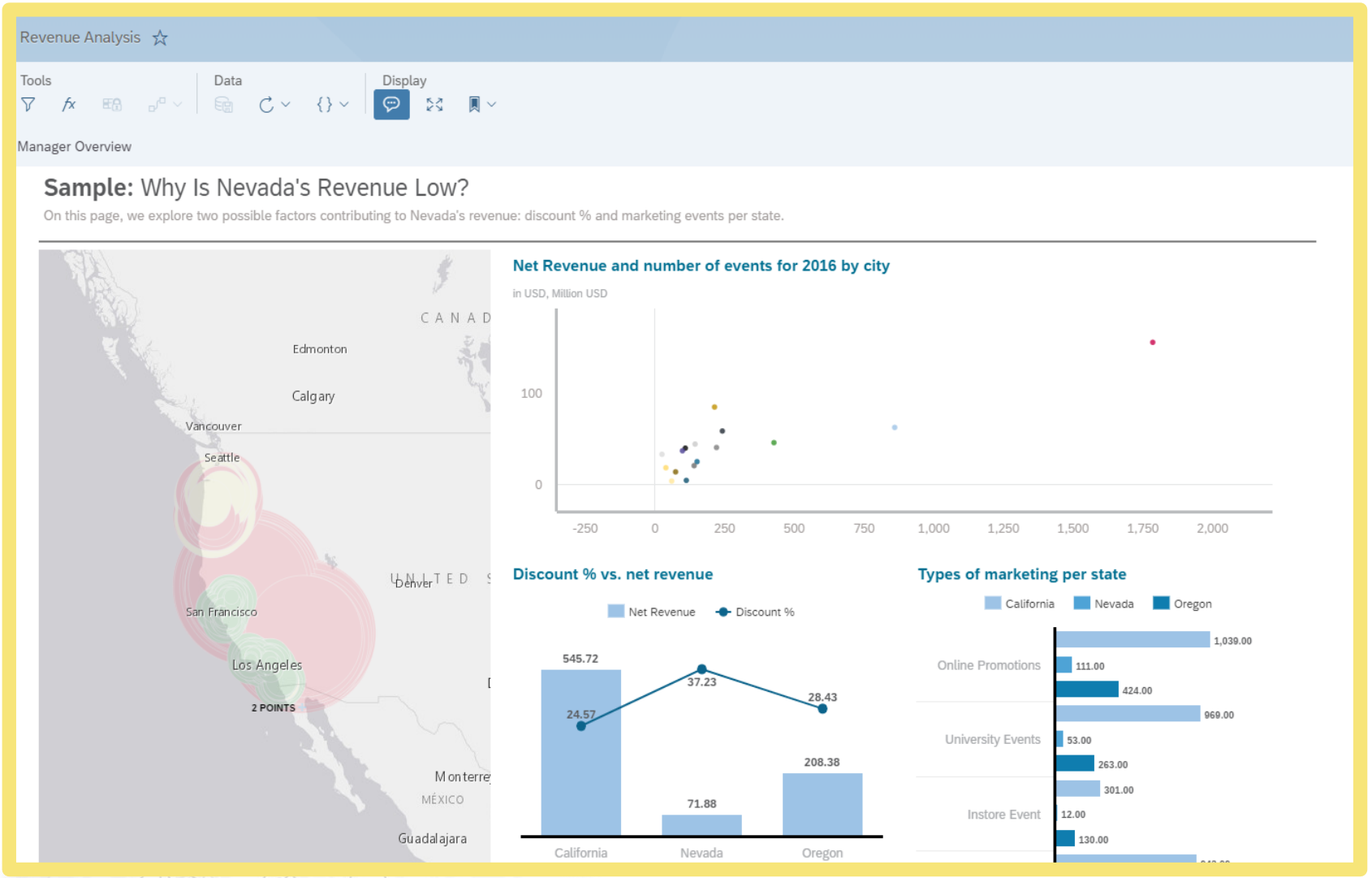
Personalized Content to Targeted Recipient



Personalized Content to Targeted Recipient



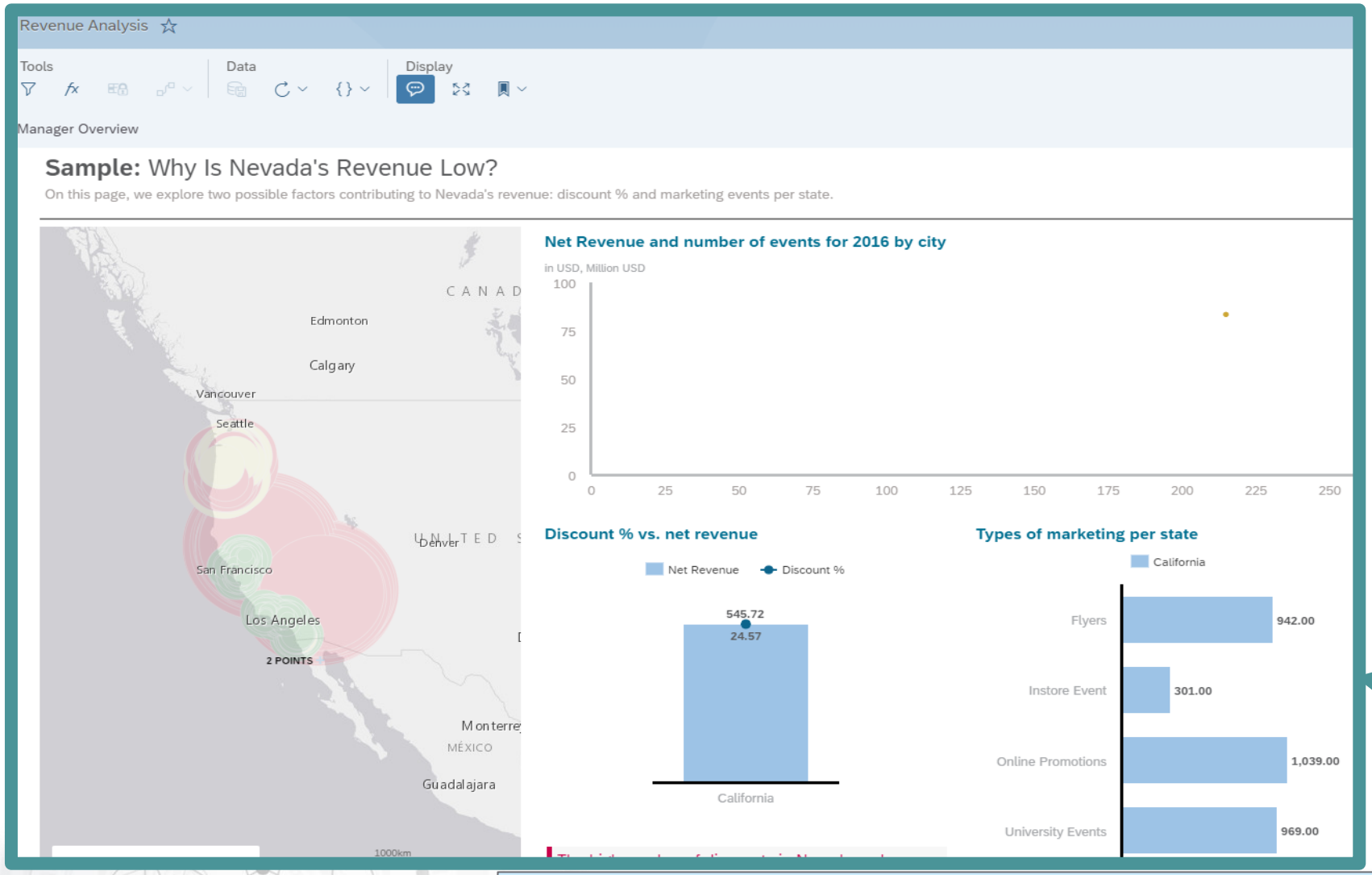
Personalized Data



User 2

- Filtered, individualized report content

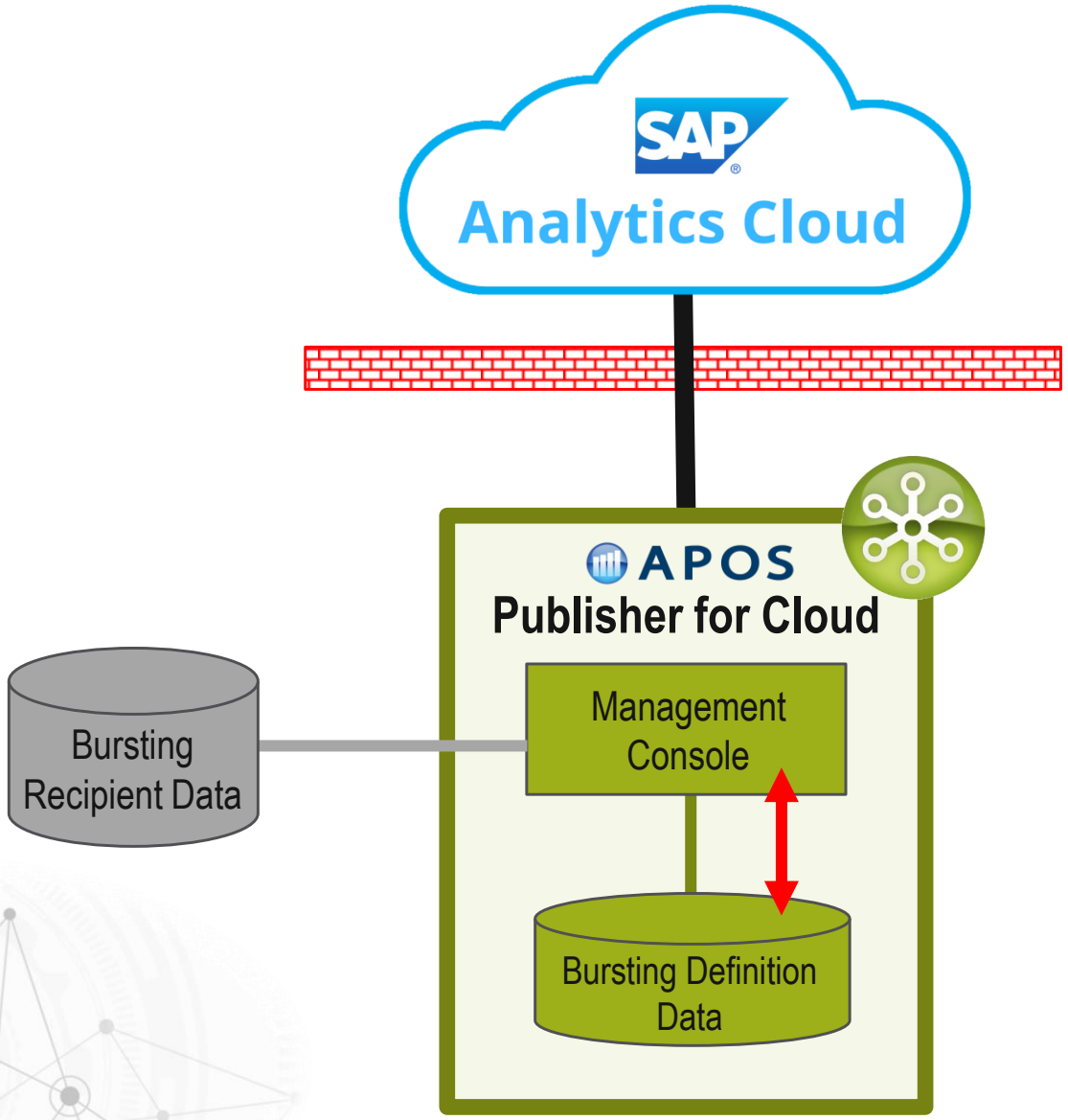
Personalized Data



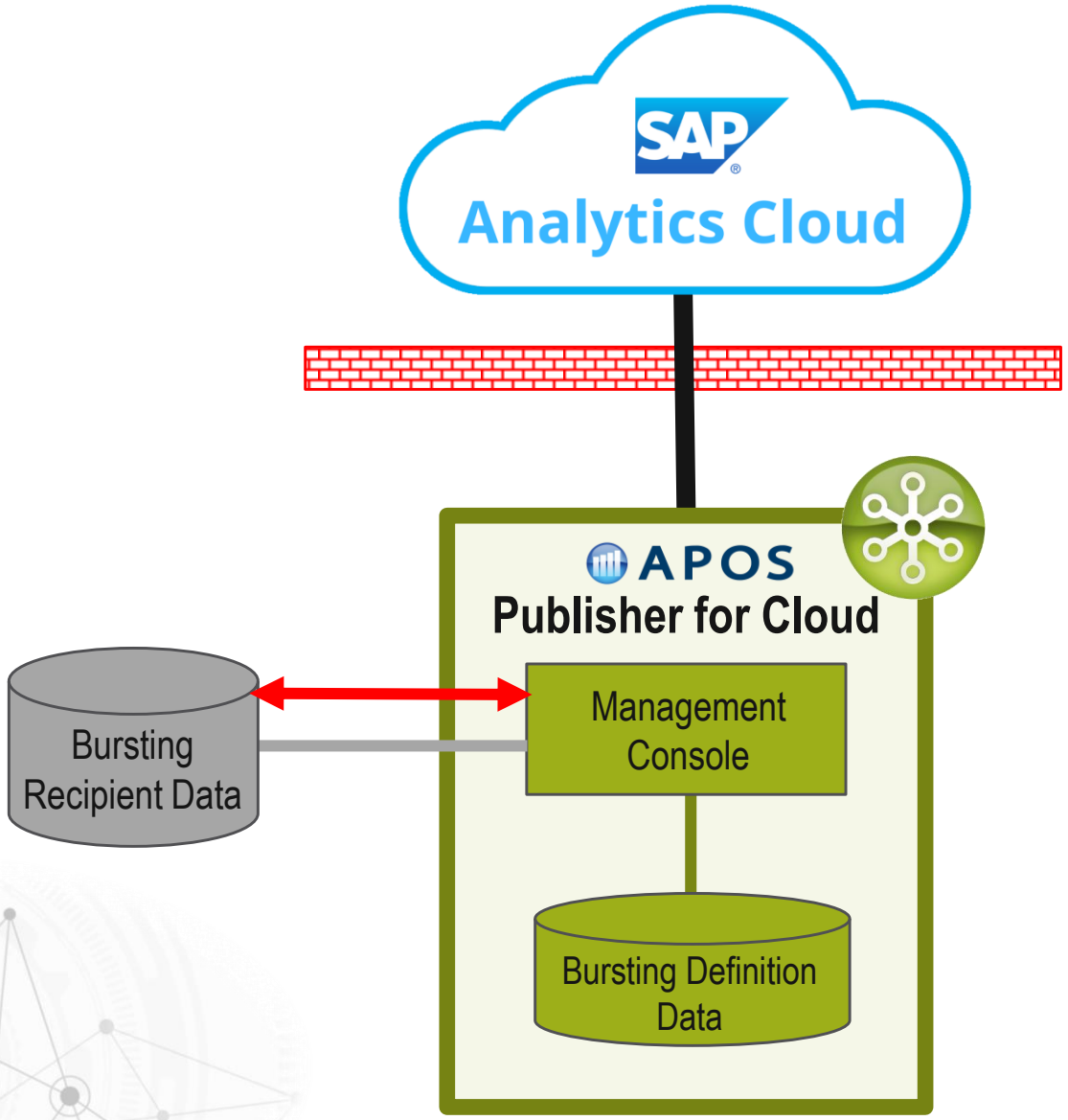
User 5

- Filtered, individualized report content

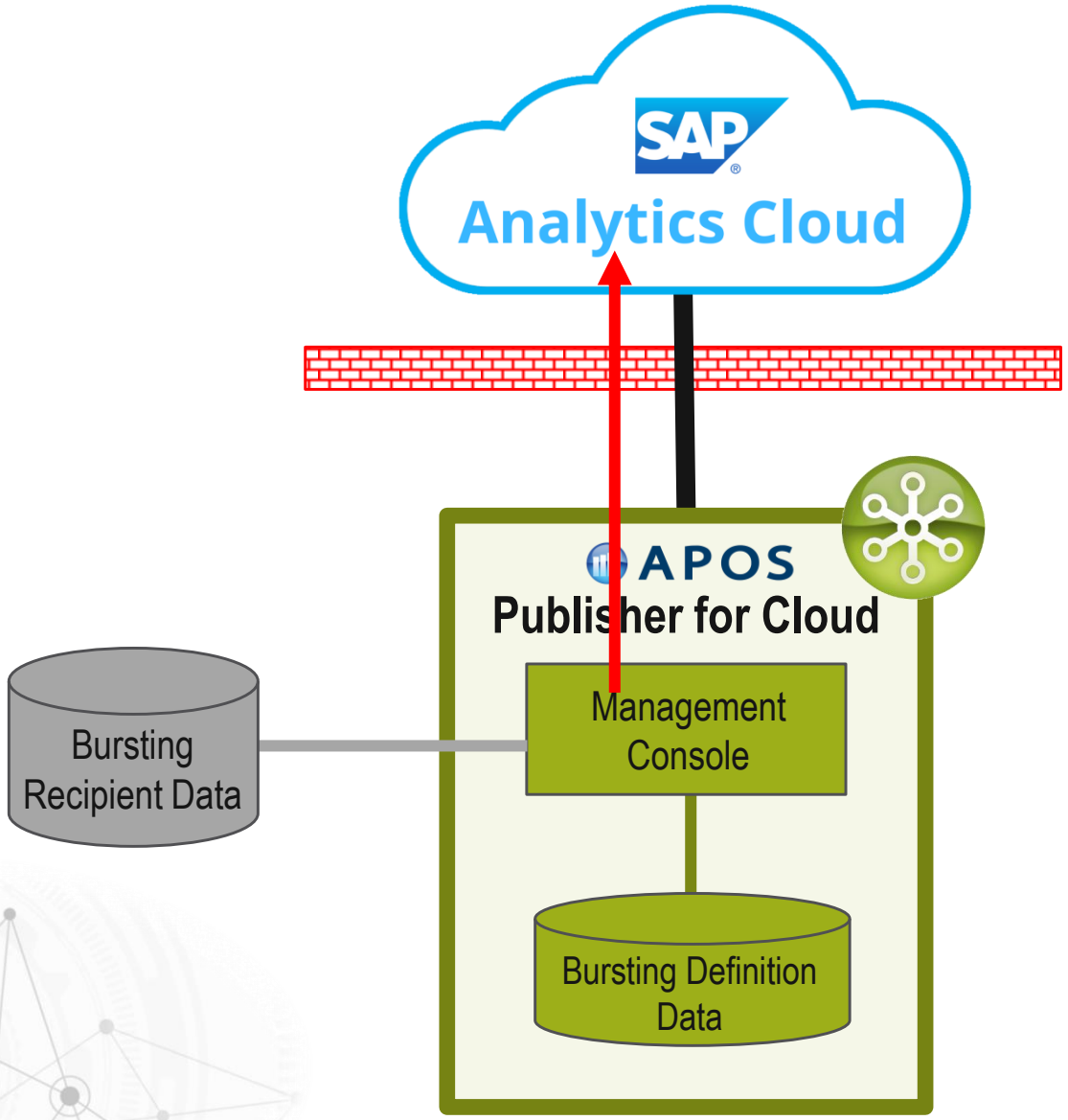
APOS Publisher for Cloud



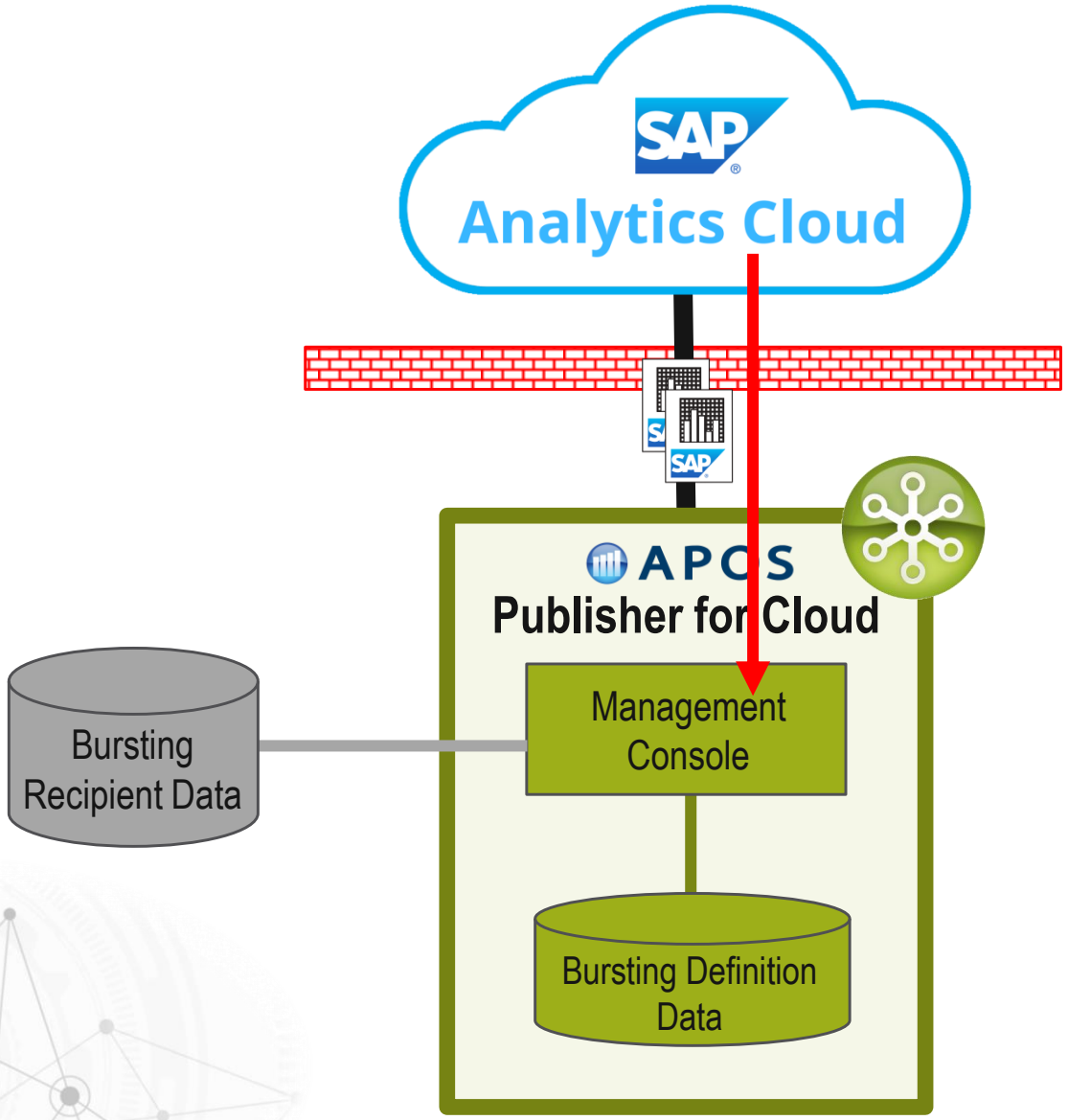
APOS Publisher for Cloud



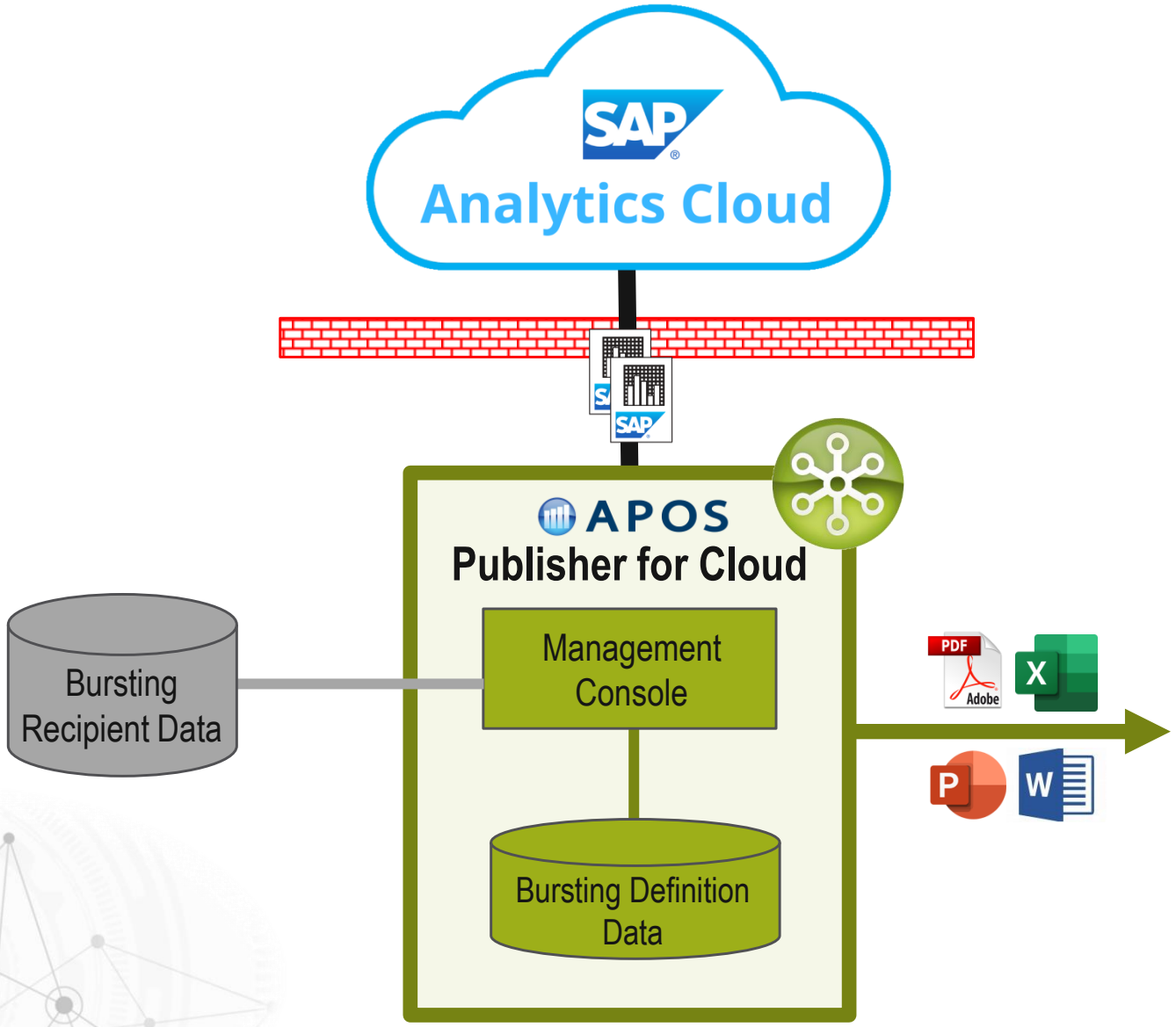
APOS Publisher for Cloud



APOS Publisher for Cloud



APOS Publisher for Cloud



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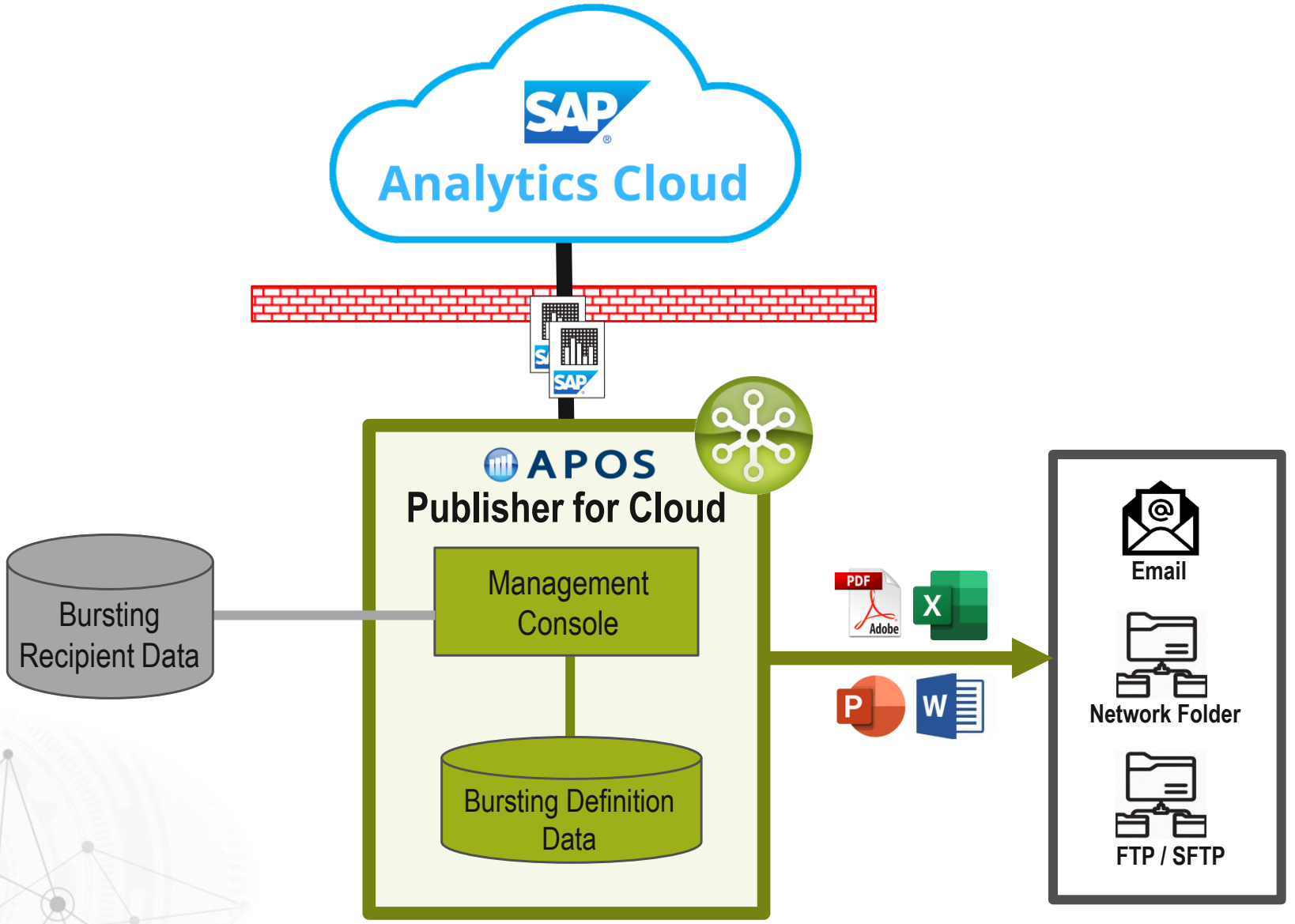
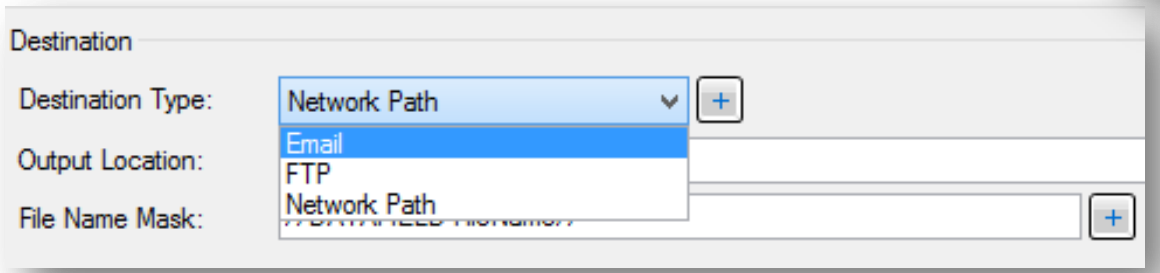
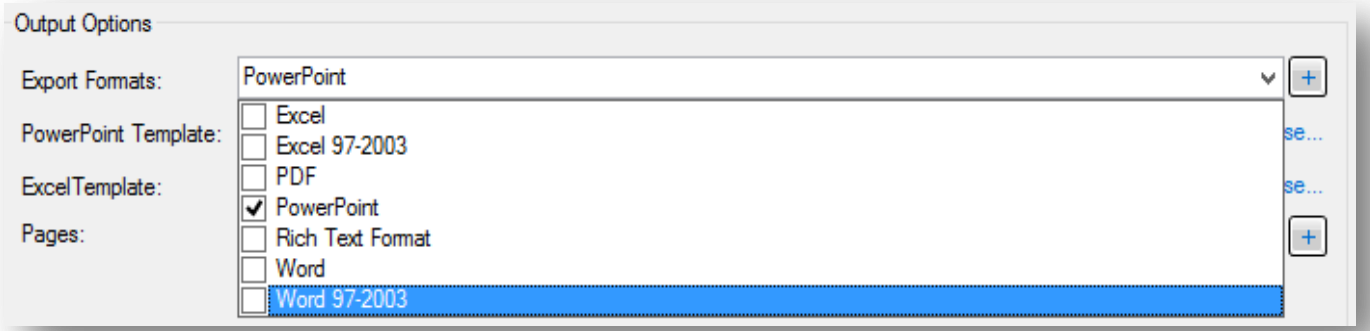


APOS Publisher for Cloud

APOS Publisher for Cloud
- Data driven Bursting
- Information is filtered for each recipient
- Dynamic SQL for each burst



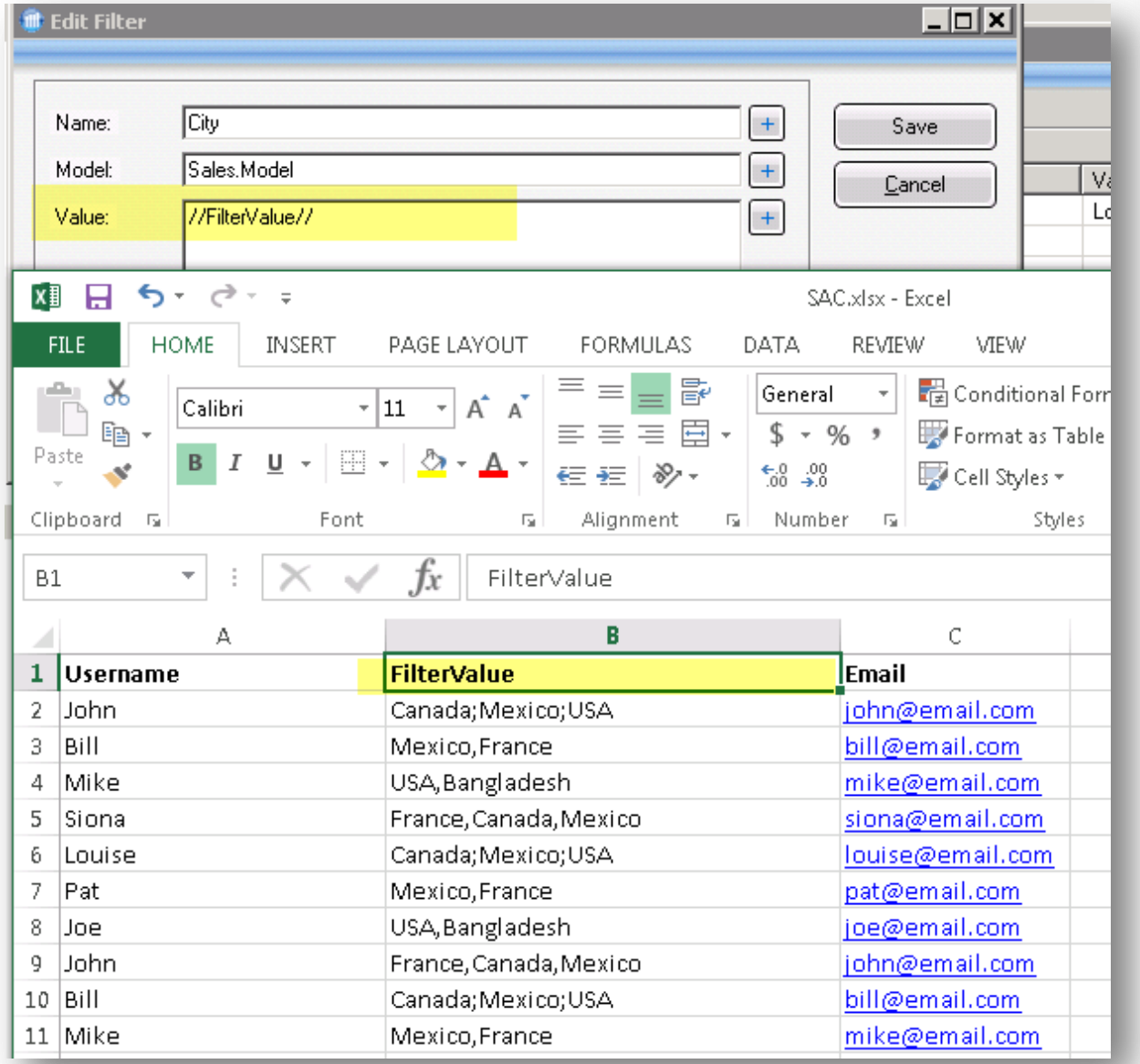


Recipient	BurstName	EmailTo	FileName	NetworkPath	Format	Full Format	DestinationType	Dimension	FilterValue	Value Description
Bill	SchedTest	fwalther@apos.com	Bill	C:\Temp\	PPTX	PowerPoint	Network Path	t.V:City_ID_9902	80501	New England
Bert	SchedTest	fwalther@apos.com	Bert	C:\Temp\	PDF	PDF	Email	t.V:City_ID_9902	80502	West
Bob	SchedTest	fwalther@apos.com	Bob	C:\Temp\	XLSX	Excel	Network Path	t.V:City_ID_9902	80503	Atlantic
Betty	SchedTest	fwalther@apos.com	Betty	C:\Temp\	PDF	PDF	Network Path	t.V:City_ID_9902	80504	South
Manager	SchedTest	fwalther@apos.com	Manager	C:\Temp\	PDF	PDF	Network Path		NULL	All

Personalized Data

Data driven bursting rules

- Format
- Destination
- Data Filter



	A	B	C
1	Username	FilterValue	Email
2	John	Canada;Mexico;USA	john@email.com
3	Bill	Mexico,France	bill@email.com
4	Mike	USA,Bangladesh	mike@email.com
5	Siona	France,Canada,Mexico	siona@email.com
6	Louise	Canada;Mexico;USA	louise@email.com
7	Pat	Mexico,France	pat@email.com
8	Joe	USA,Bangladesh	joe@email.com
9	John	France,Canada,Mexico	john@email.com
10	Bill	Canada;Mexico;USA	bill@email.com
11	Mike	Mexico,France	mike@email.com

Customer Success

Precision Drilling - Top-ranked oil and gas drilling contractor with both North American and international operations to provide a wide range of oil and gas drilling services and other related services.

- Daily costing reports are sent out each morning to drilling site managers
- Drill site specific data on previous day costs
- Enables managers to better assess and implement current day cost control measures

Customer Success

- Global lighting and electronics manufacturer utilizes Publisher for Cloud to generate personalized SAC reports based on BPC and ECC data, which are then distributed to targeted personnel by email distribution

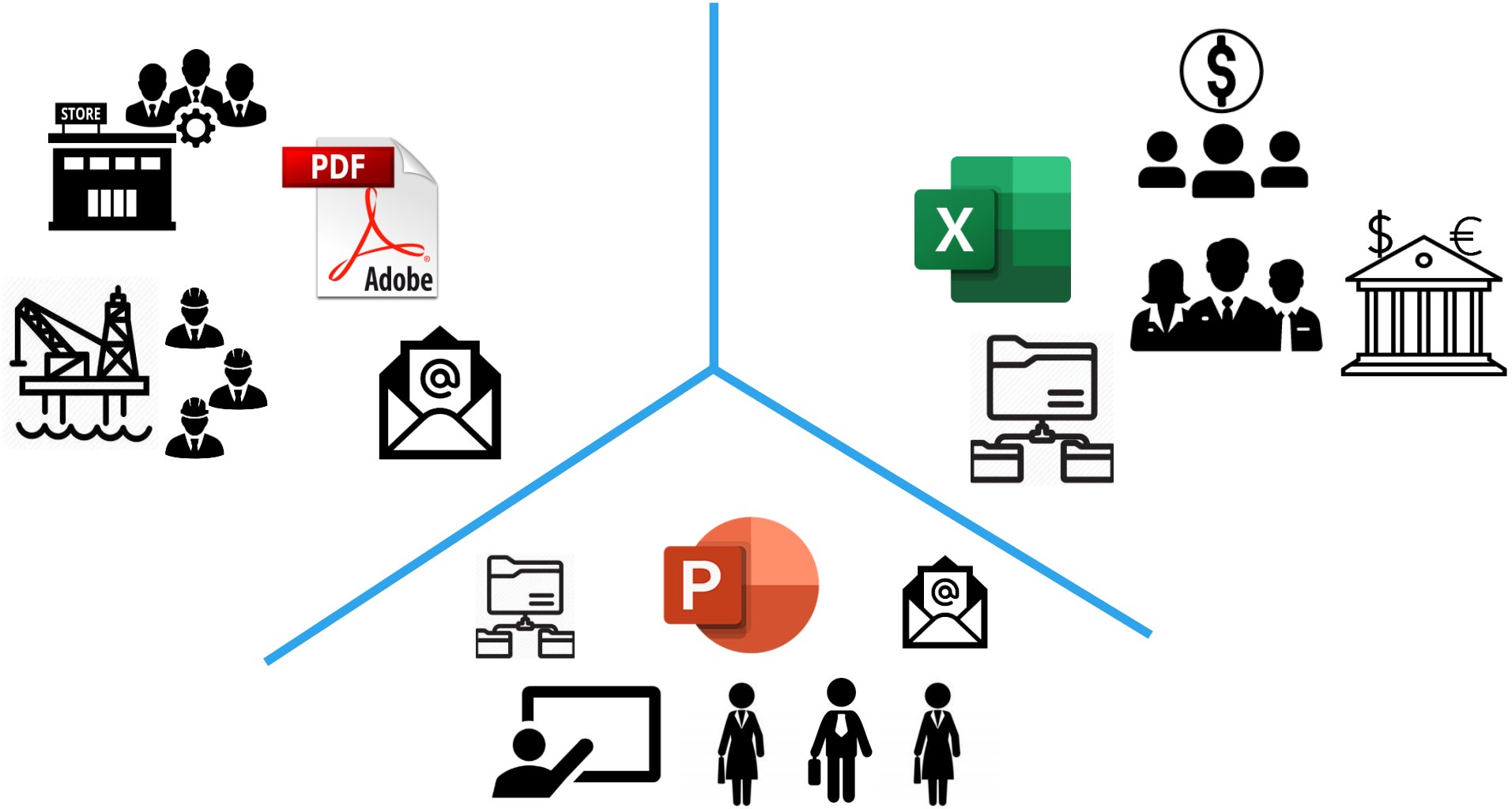
- South American liquefied natural gas production and supply company uses Publisher for Cloud to generate individualized SAC reports focused on production and contractor reporting, which are then distributed to key managers by email

Extend SAC Content Access

Format & Destination

- To be effective, Users need information:
  - Right format
  - Easily accessible

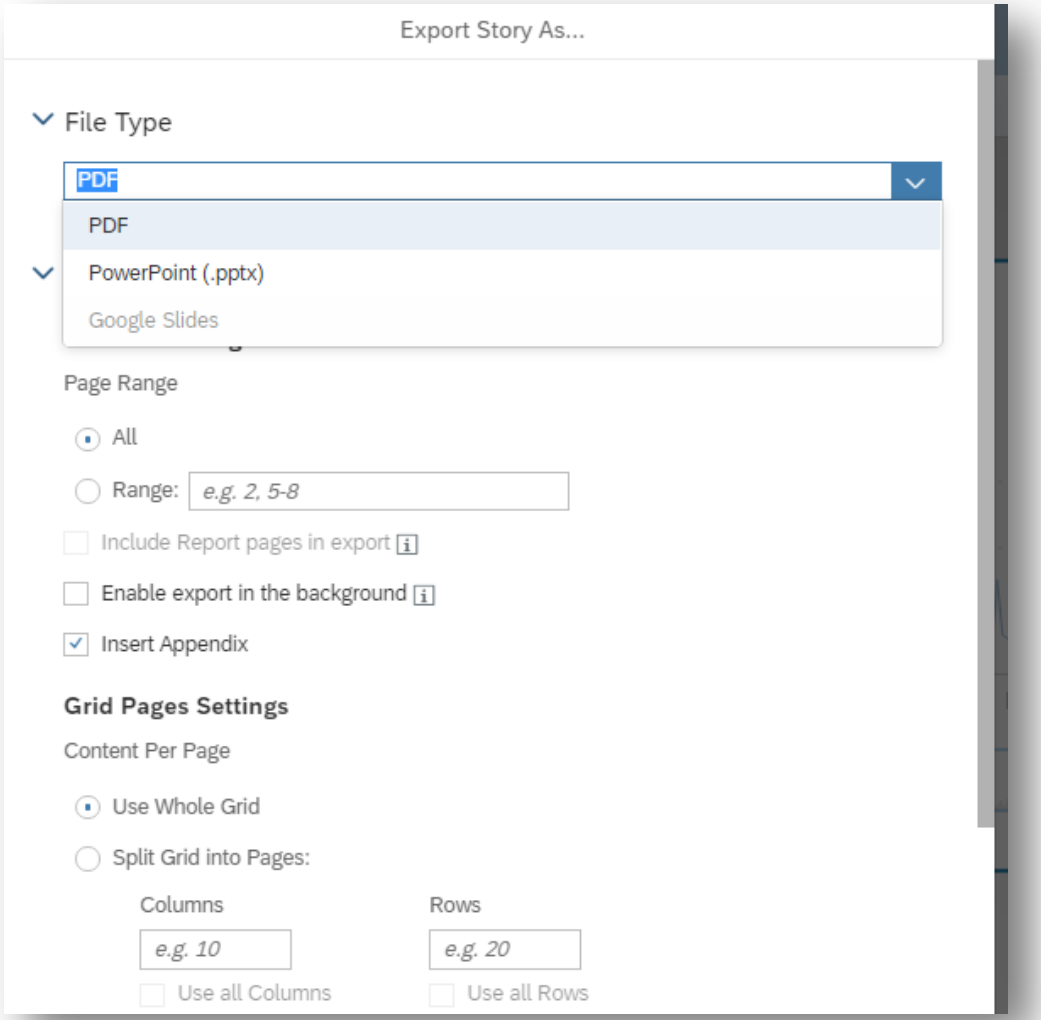
SAC Content Distribution - Formats & Destination



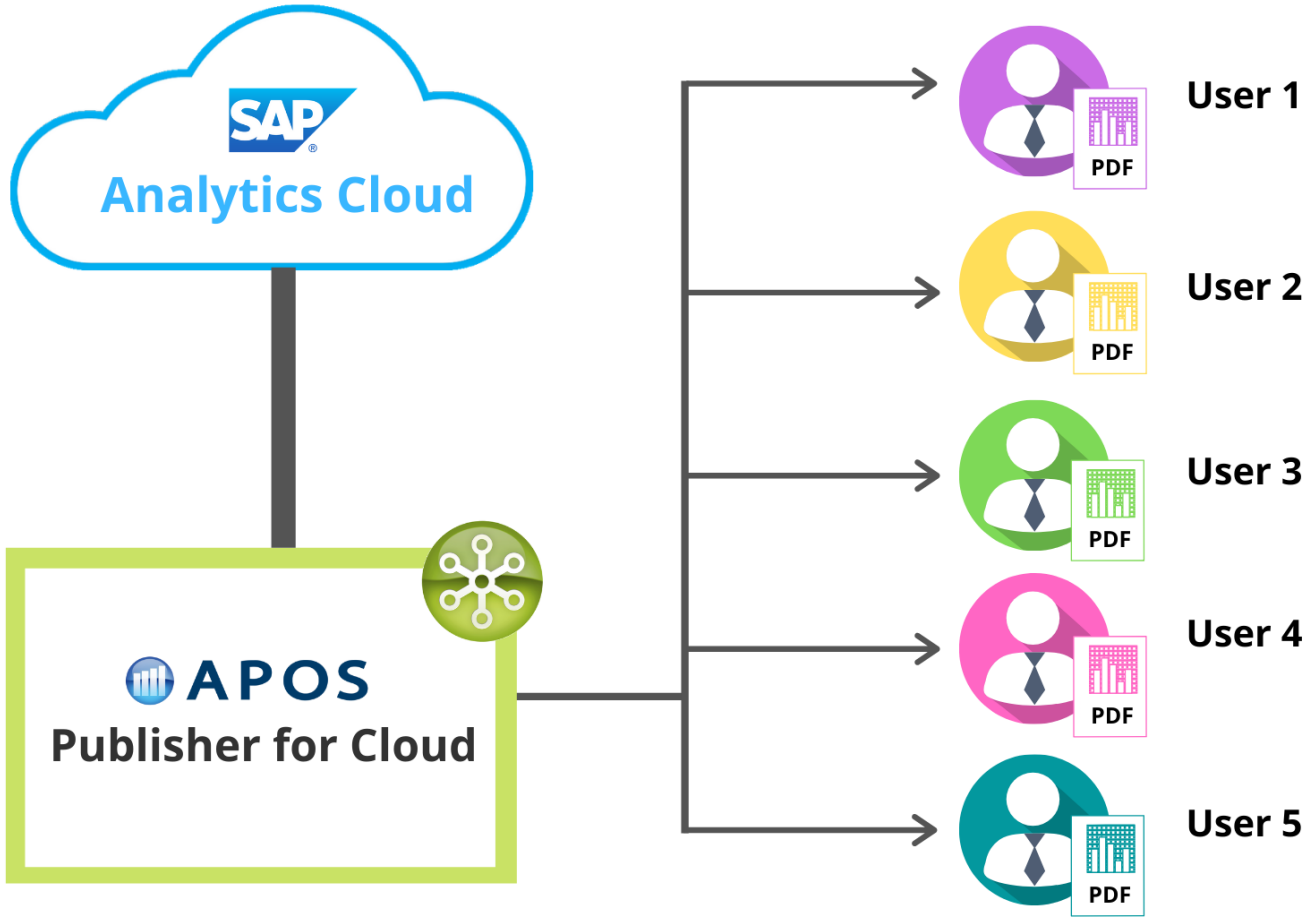
SAC Content Distribution - Formats & Destination

With SAP Analytics Cloud:

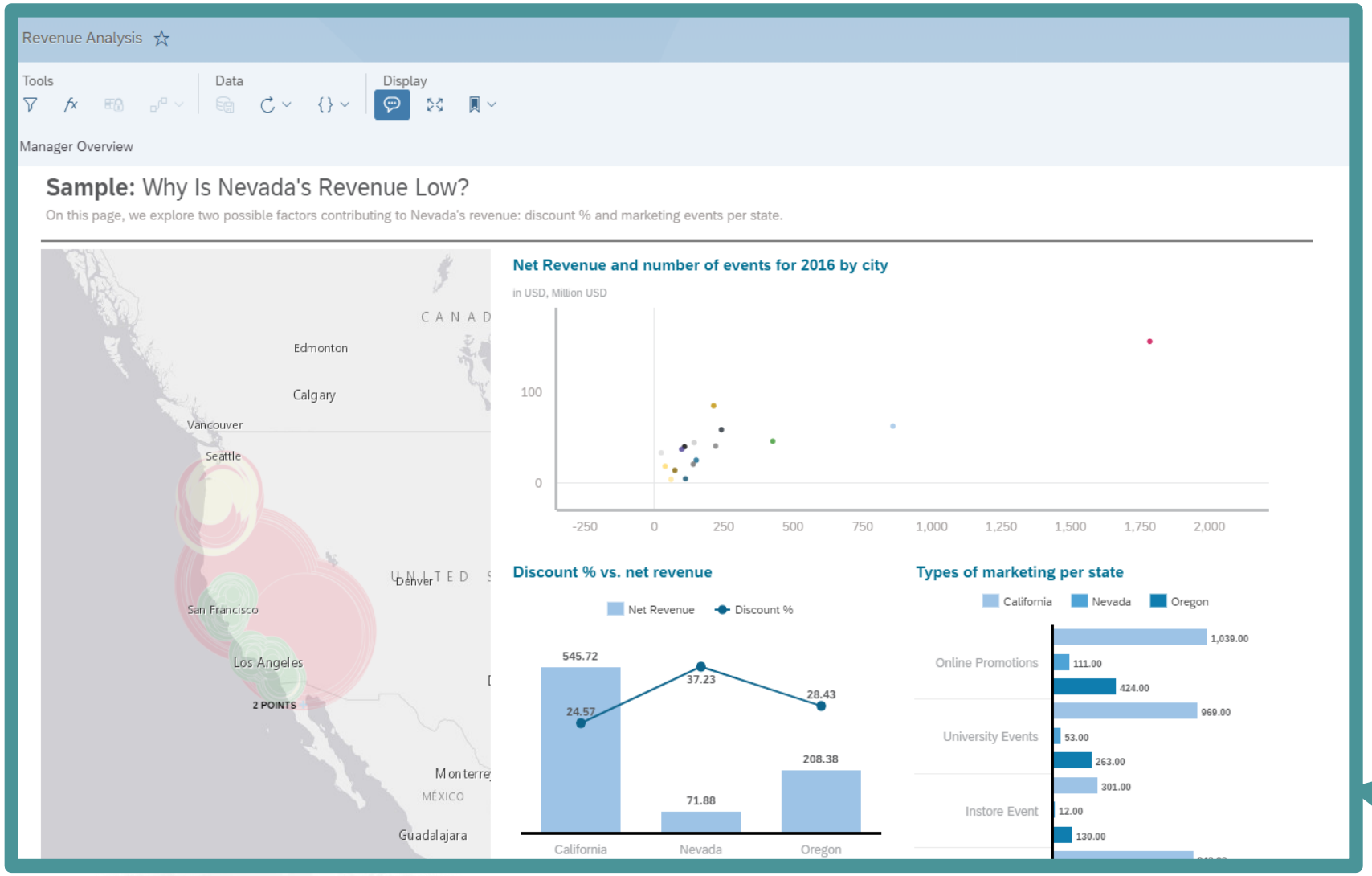
- Exporting to a specific format is a manual process
- Story output can be scheduled, but only a certain number can be scheduled daily
- Output formats are limited to PDF and PowerPoint



Format - PDF


SAP
Analytics Cloud
APOS
Publisher for Cloud
PDF
User 1
PDF
User 2
PDF
User 3
PDF
User 4
PDF
User 5

PDF
Adobe

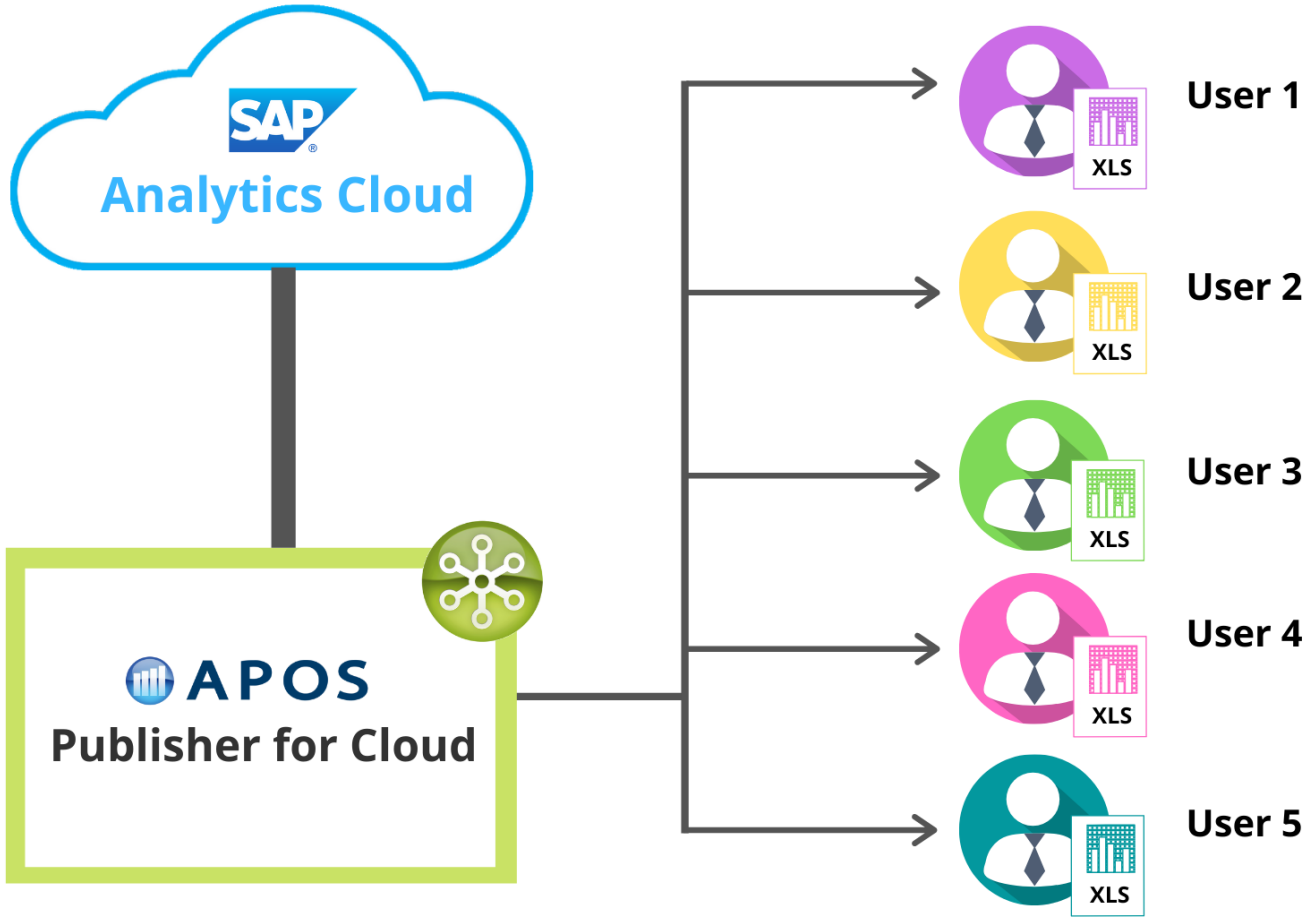

Revenue Analysis
Tools
Data
Display
Manager Overview
Sample: Why Is Nevada's Revenue Low?
On this page, we explore two possible factors contributing to Nevada's revenue: discount % and marketing events per state.
Edmonton
Calgary
Vancouver
Seattle
Denver
San Francisco
Los Angeles
2 POINTS
Monterrey
MÉXICO
Guadalajara
Net Revenue and number of events for 2016 by city
in USD, Million USD
100
0
-250
0
250
500
750
1,000
1,250
1,500
1,750
2,000
Discount % vs. net revenue
Net Revenue
Discount %
545.72
24.57
37.23
28.43
71.88
208.38
California
Nevada
Oregon
Types of marketing per state
California
Nevada
Oregon
Online Promotions
1,039.00
111.00
424.00
University Events
969.00
53.00
263.00
Instore Event
301.00
12.00
130.00

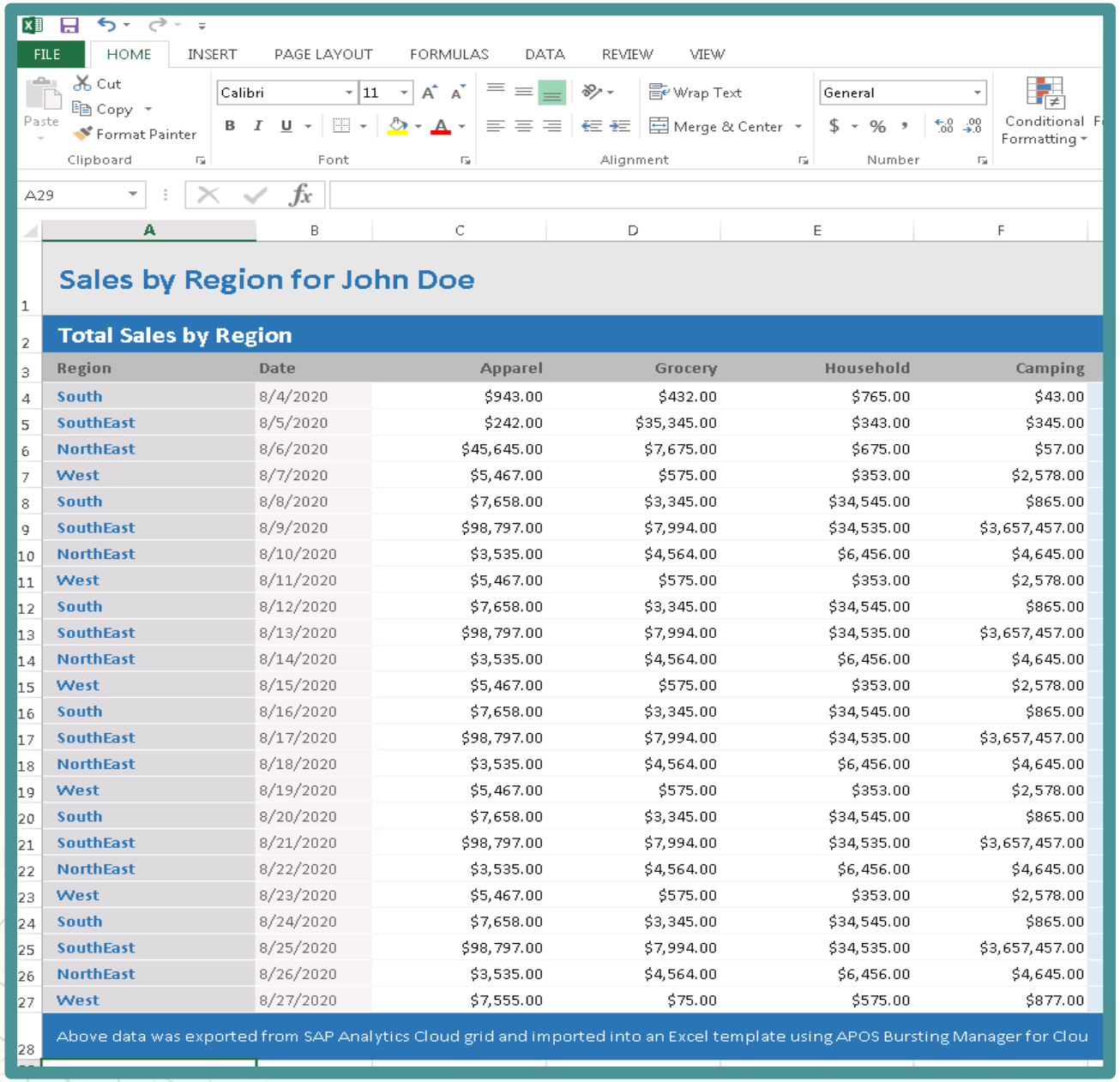
PDF
Adobe

PDF

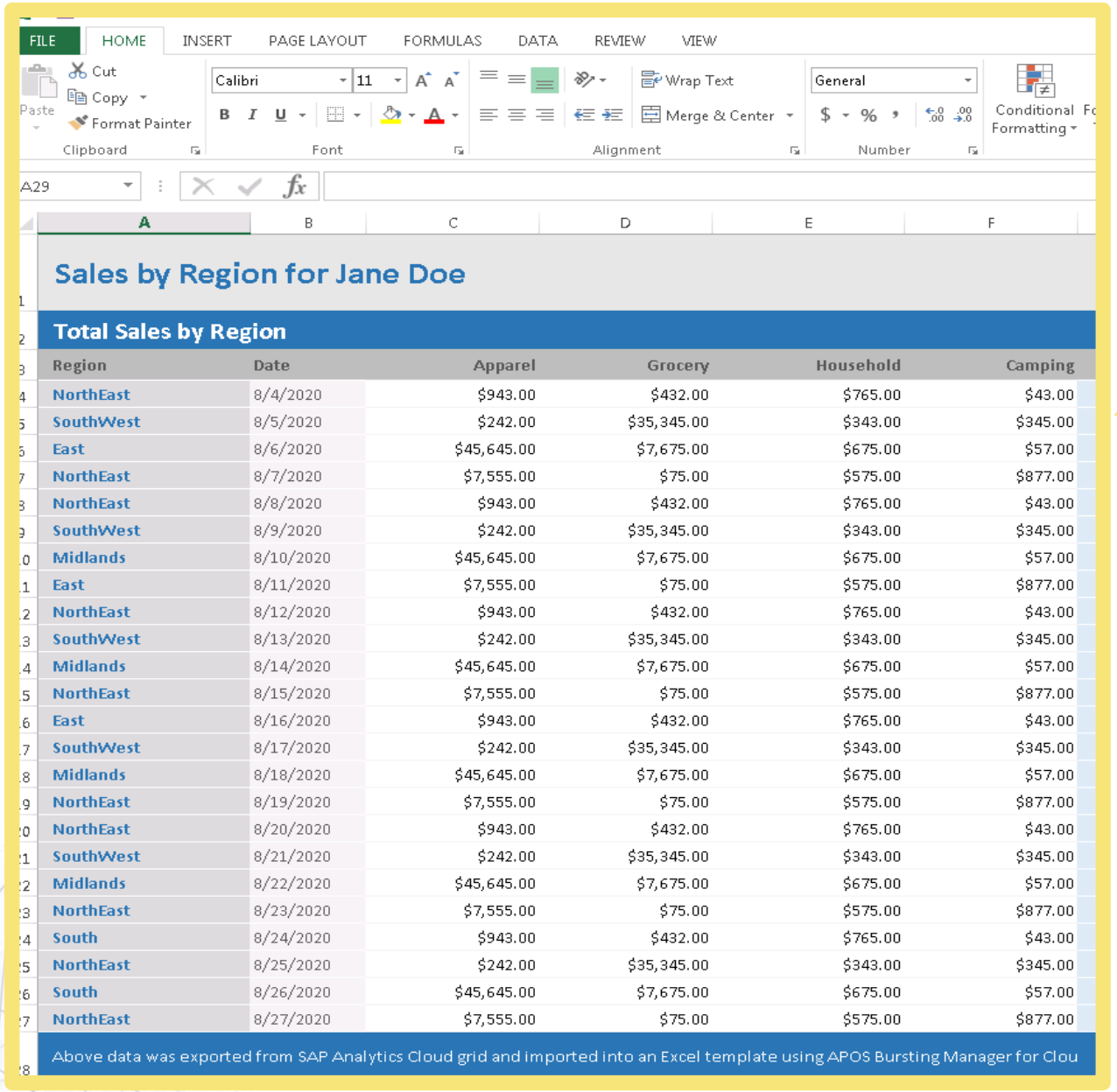
User 5

Format - Excel




FILE
HOME
INSERT
PAGE LAYOUT
FORMULAS
DATA
REVIEW
VIEW
Cut
Copy
Format Painter
Paste
Clipboard
Calibri
11
Font
Wrap Text
Merge & Center
Alignment
General
Number
Conditional Formatting
A29
A
B
C
D
E
F
Sales by Region for John Doe
Total Sales by Region
Region
Date
Apparel
Grocery
Household
Camping
South 8/4/2020 $943.00 $432.00 $765.00 $43.00
SouthEast 8/5/2020 $242.00 $35,345.00 $343.00 $345.00
NorthEast 8/6/2020 $45,645.00 $7,675.00 $675.00 $57.00
West 8/7/2020 $5,467.00 $575.00 $353.00 $2,578.00
South 8/8/2020 $7,658.00 $3,345.00 $34,545.00 $865.00
SouthEast 8/9/2020 $98,797.00 $7,994.00 $34,535.00 $3,657,457.00
NorthEast 8/10/2020 $3,535.00 $4,564.00 $6,456.00 $4,645.00
West 8/11/2020 $5,467.00 $575.00 $353.00 $2,578.00
South 8/12/2020 $7,658.00 $3,345.00 $34,545.00 $865.00
SouthEast 8/13/2020 $98,797.00 $7,994.00 $34,535.00 $3,657,457.00
NorthEast 8/14/2020 $3,535.00 $4,564.00 $6,456.00 $4,645.00
West 8/15/2020 $5,467.00 $575.00 $353.00 $2,578.00
South 8/16/2020 $7,658.00 $3,345.00 $34,545.00 $865.00
SouthEast 8/17/2020 $98,797.00 $7,994.00 $34,535.00 $3,657,457.00
NorthEast 8/18/2020 $3,535.00 $4,564.00 $6,456.00 $4,645.00
West 8/19/2020 $5,467.00 $575.00 $353.00 $2,578.00
South 8/20/2020 $7,658.00 $3,345.00 $34,545.00 $865.00
SouthEast 8/21/2020 $98,797.00 $7,994.00 $34,535.00 $3,657,457.00
NorthEast 8/22/2020 $3,535.00 $4,564.00 $6,456.00 $4,645.00
West 8/23/2020 $5,467.00 $575.00 $353.00 $2,578.00
South 8/24/2020 $7,658.00 $3,345.00 $34,545.00 $865.00
SouthEast 8/25/2020 $98,797.00 $7,994.00 $34,535.00 $3,657,457.00
NorthEast 8/26/2020 $3,535.00 $4,564.00 $6,456.00 $4,645.00
West 8/27/2020 $7,555.00 $75.00 $575.00 $877.00
Above data was exported from SAP Analytics Cloud grid and imported into an Excel template using APOS Bursting Manager for Clou

XLS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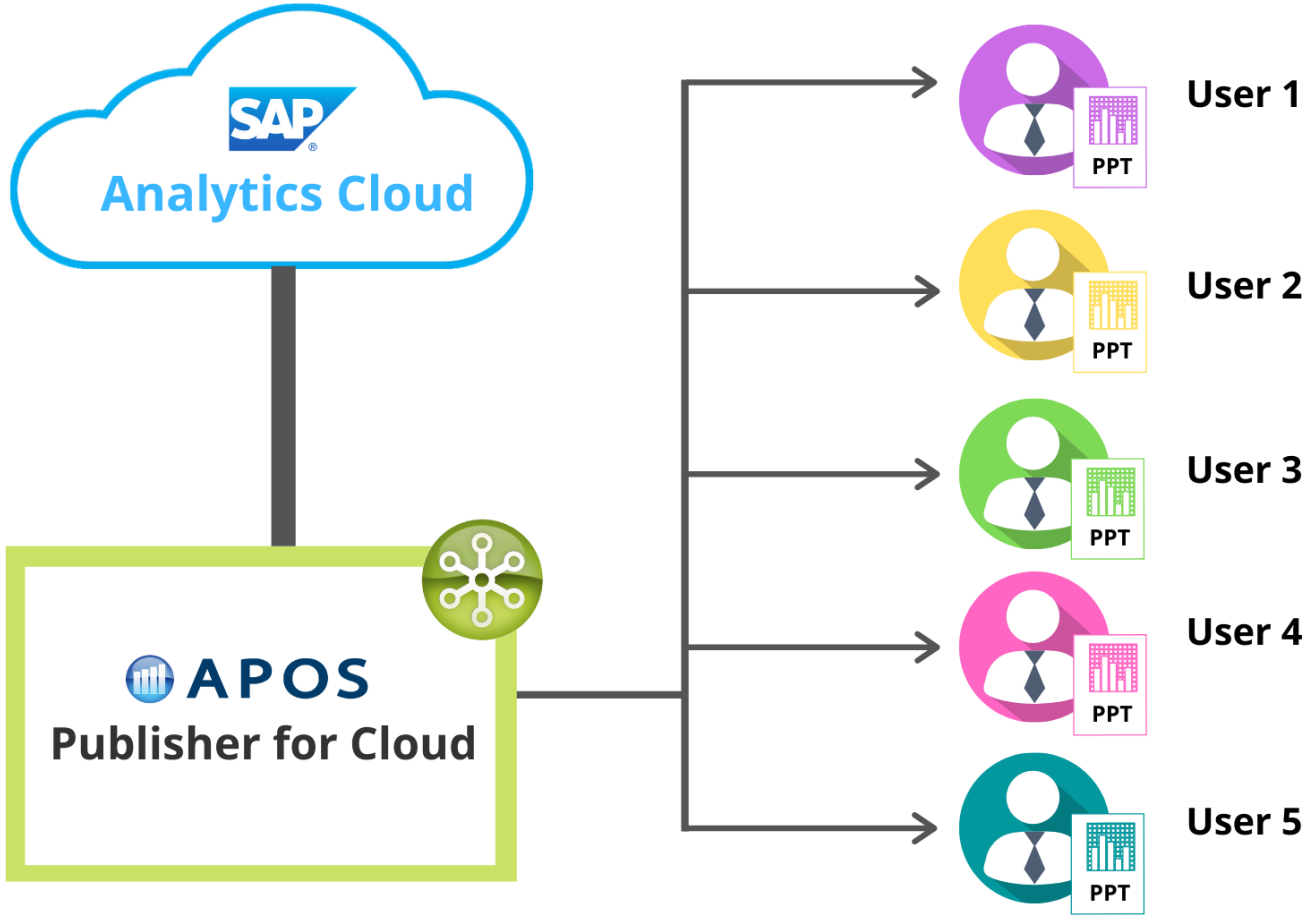
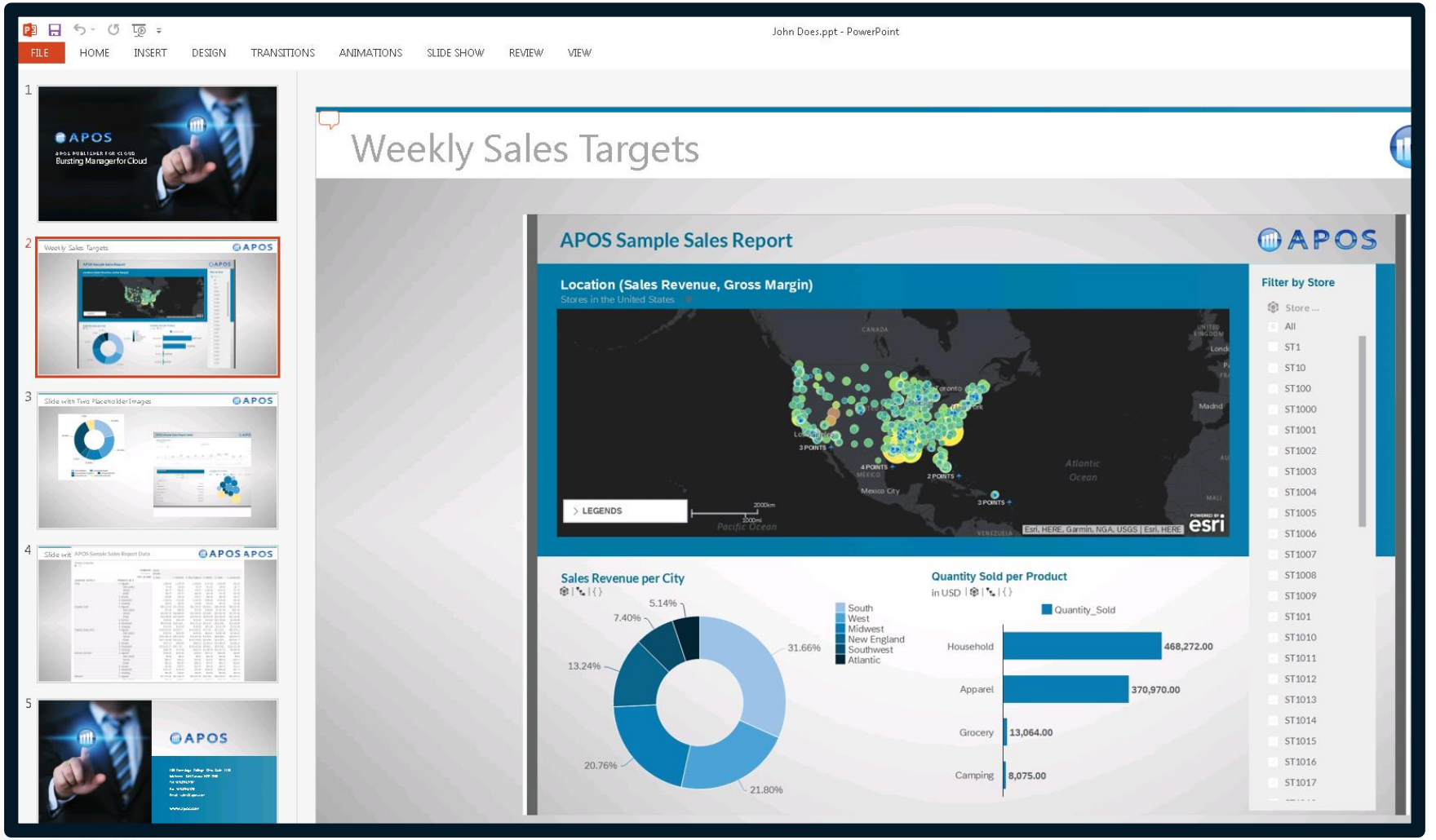
General
Number
Conditional Formatting
A29
A
B
C
D
E
F
Sales by Region for Jane Doe
Total Sales by Region
Region
Date
Apparel
Grocery
Household
Camping
NorthEast 8/4/2020 $943.00 $432.00 $765.00 $43.00
SouthWest 8/5/2020 $242.00 $35,345.00 $343.00 $345.00
East 8/6/2020 $45,645.00 $7,675.00 $675.00 $57.00
NorthEast 8/7/2020 $7,555.00 $75.00 $575.00 $877.00
NorthEast 8/8/2020 $943.00 $432.00 $765.00 $43.00
SouthWest 8/9/2020 $242.00 $35,345.00 $343.00 $345.00
Midlands 8/10/2020 $45,645.00 $7,675.00 $675.00 $57.00
East 8/11/2020 $7,555.00 $75.00 $575.00 $877.00
NorthEast 8/12/2020 $943.00 $432.00 $765.00 $43.00
SouthWest 8/13/2020 $242.00 $35,345.00 $343.00 $345.00
Midlands 8/14/2020 $45,645.00 $7,675.00 $675.00 $57.00
NorthEast 8/15/2020 $7,555.00 $75.00 $575.00 $877.00
East 8/16/2020 $943.00 $432.00 $765.00 $43.00
SouthWest 8/17/2020 $242.00 $35,345.00 $343.00 $345.00
Midlands 8/18/2020 $45,645.00 $7,675.00 $675.00 $57.00
NorthEast 8/19/2020 $7,555.00 $75.00 $575.00 $877.00
NorthEast 8/20/2020 $943.00 $432.00 $765.00 $43.00
SouthWest 8/21/2020 $242.00 $35,345.00 $343.00 $345.00
Midlands 8/22/2020 $45,645.00 $7,675.00 $675.00 $57.00
NorthEast 8/23/2020 $7,555.00 $75.00 $575.00 $877.00
South 8/24/2020 $943.00 $432.00 $765.00 $43.00
NorthEast 8/25/2020 $242.00 $35,345.00 $343.00 $345.00
South 8/26/2020 $45,645.00 $7,675.00 $675.00 $57.00
NorthEast 8/27/2020 $7,555.00 $75.00 $575.00 $877.00
Above data was exported from SAP Analytics Cloud grid and imported into an Excel template using APOS Bursting Manager for Clou

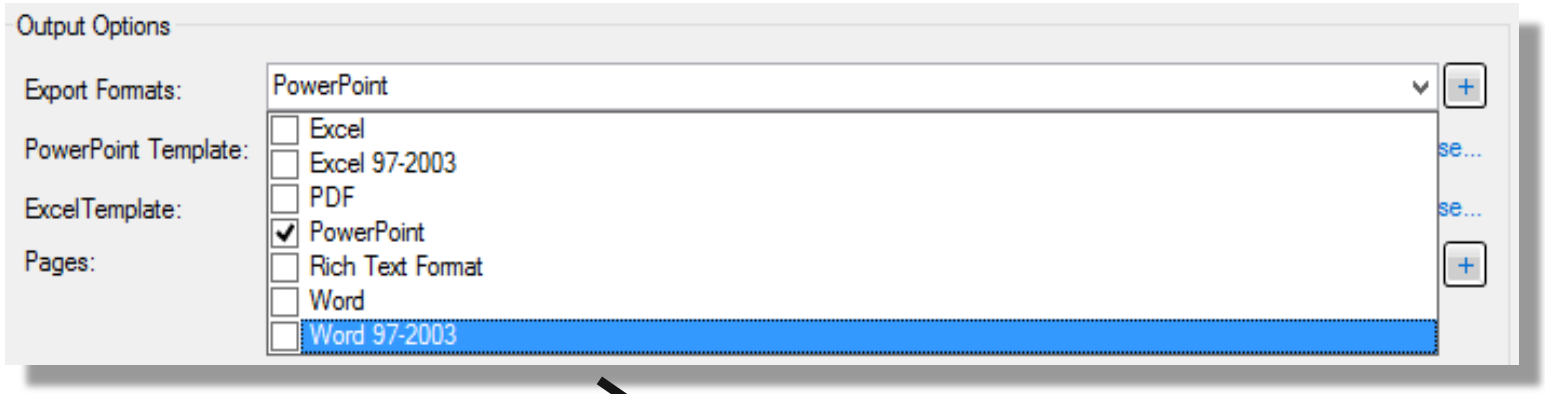
XLS

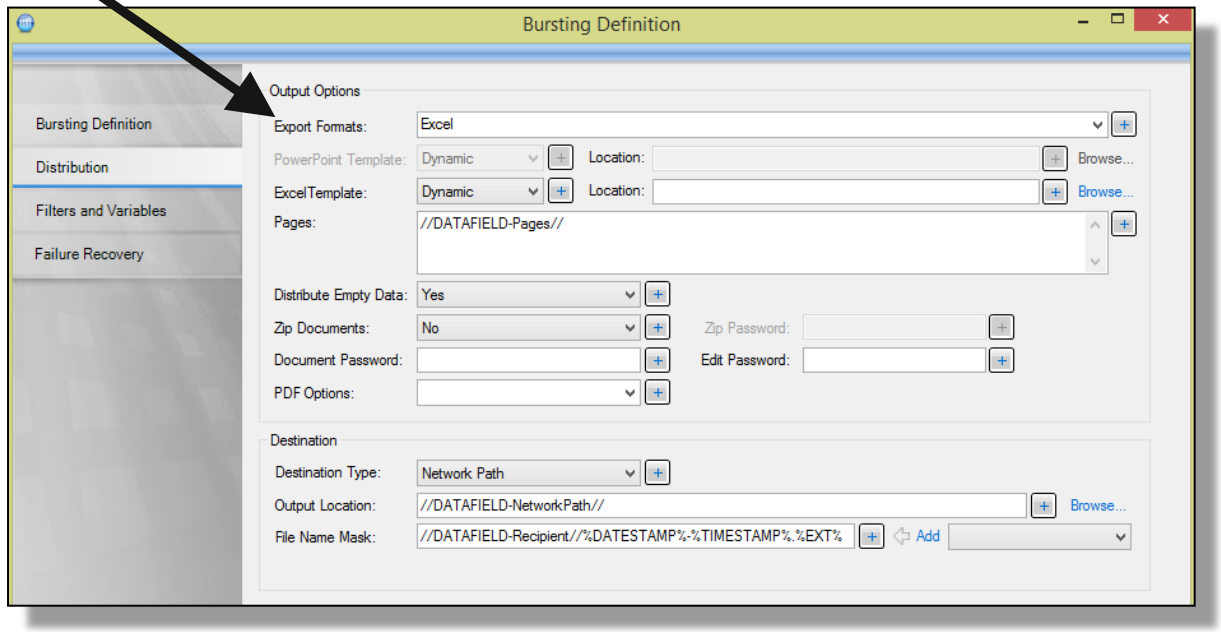
Format - PowerPoint




John Does.ppt - PowerPoint
FILE
HOME
INSERT
DESIGN
TRANSITIONS
ANIMATIONS
SLIDE SHOW
REVIEW
VIEW
Weekly Sales Targets
APOS Sample Sales Report
APOS
Location (Sales Revenue, Gross Margin)
Stores in the United States
LEGENDS
Esri, HERE, Garmin, NGA, USGS | Esri, HERE
Filter by Store
Store ...
All
ST1
ST10
ST100
ST1000
ST1001
ST1002
ST1003
ST1004
ST1005
ST1006
ST1007
ST1008
ST1009
ST101
ST1010
ST1011
ST1012
ST1013
ST1014
ST1015
ST1016
ST1017
Sales Revenue per City
5.14%
7.40%
31.66%
13.24%
20.76%
21.80%
South
West
Midwest
New England
Southwest
Atlantic
Quantity Sold per Product
in USD
Quantity_Sold
Household
468,272.00
Apparel
370,970.00
Grocery
13,064.00
Camping
8,075.00

Bursting Rules Configuration



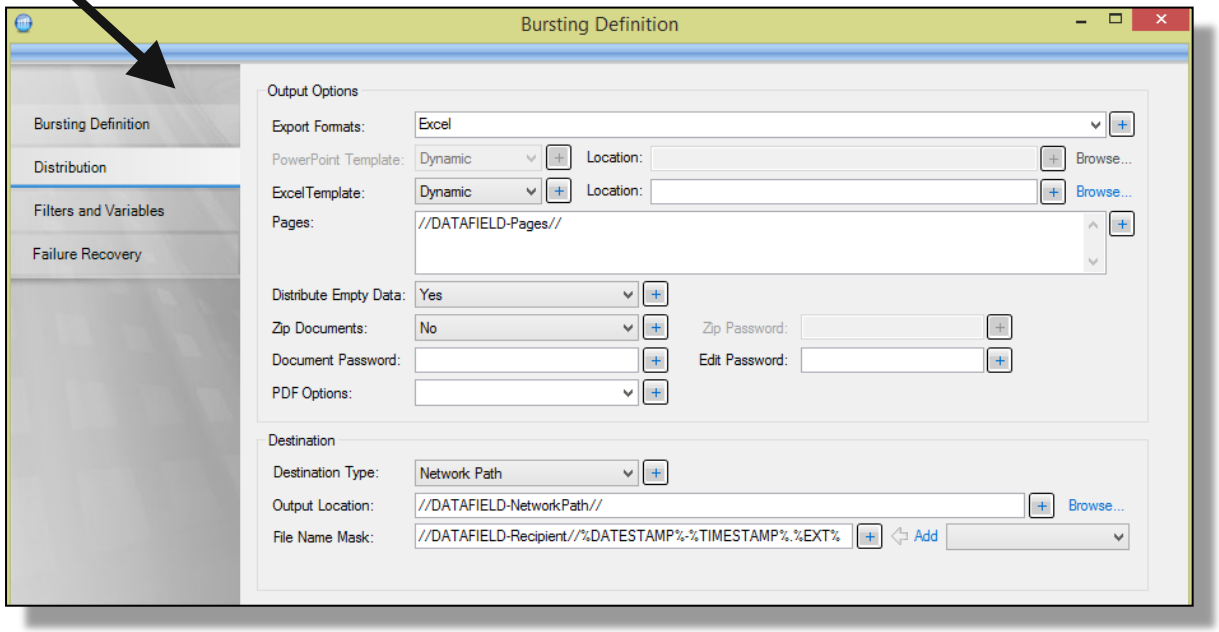


Dynamic Format

- The format can be hard coded, or read from the data source at the time of the burst

Bursting Rules Configuration

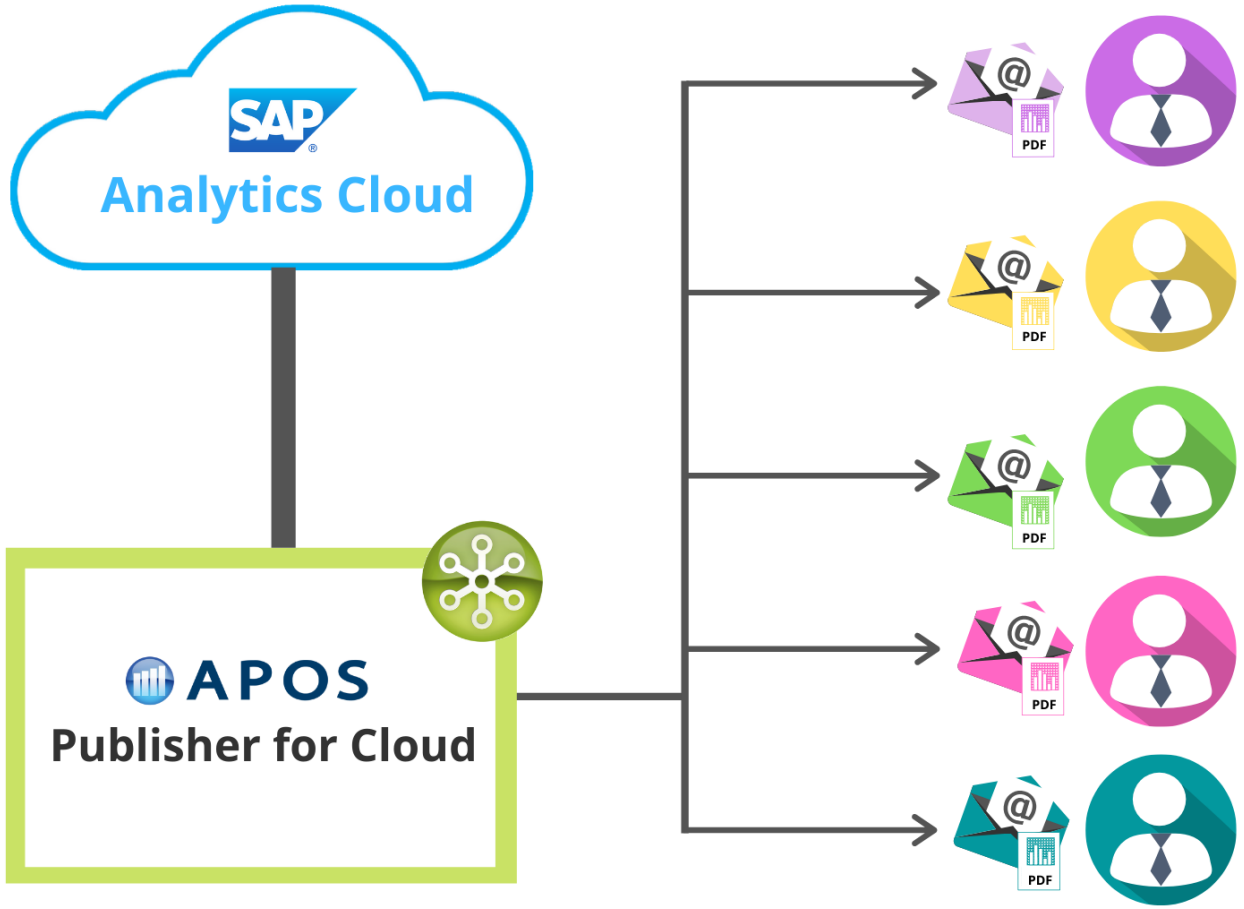
Recipient	BurstName	EmailTo	FileName	NetworkPath	Format	Full Format	DestinationType
Bill	SchedTest	fwalther@apos.com	Bill	C:\Temp\	PPTX	PowerPoint	Network Path
Bert	SchedTest	fwalther@apos.com	Bert	C:\Temp\	PDF	PDF	Email
Bob	SchedTest	fwalther@apos.com	Bob	C:\Temp\	XLSX	Excel	Network Path
Betty	SchedTest	fwalther@apos.com	Betty	C:\Temp\	PDF	PDF	Network Path
Manager	SchedTest	fwalther@apos.com	Manager	C:\Temp\	PDF	PDF	Network Path



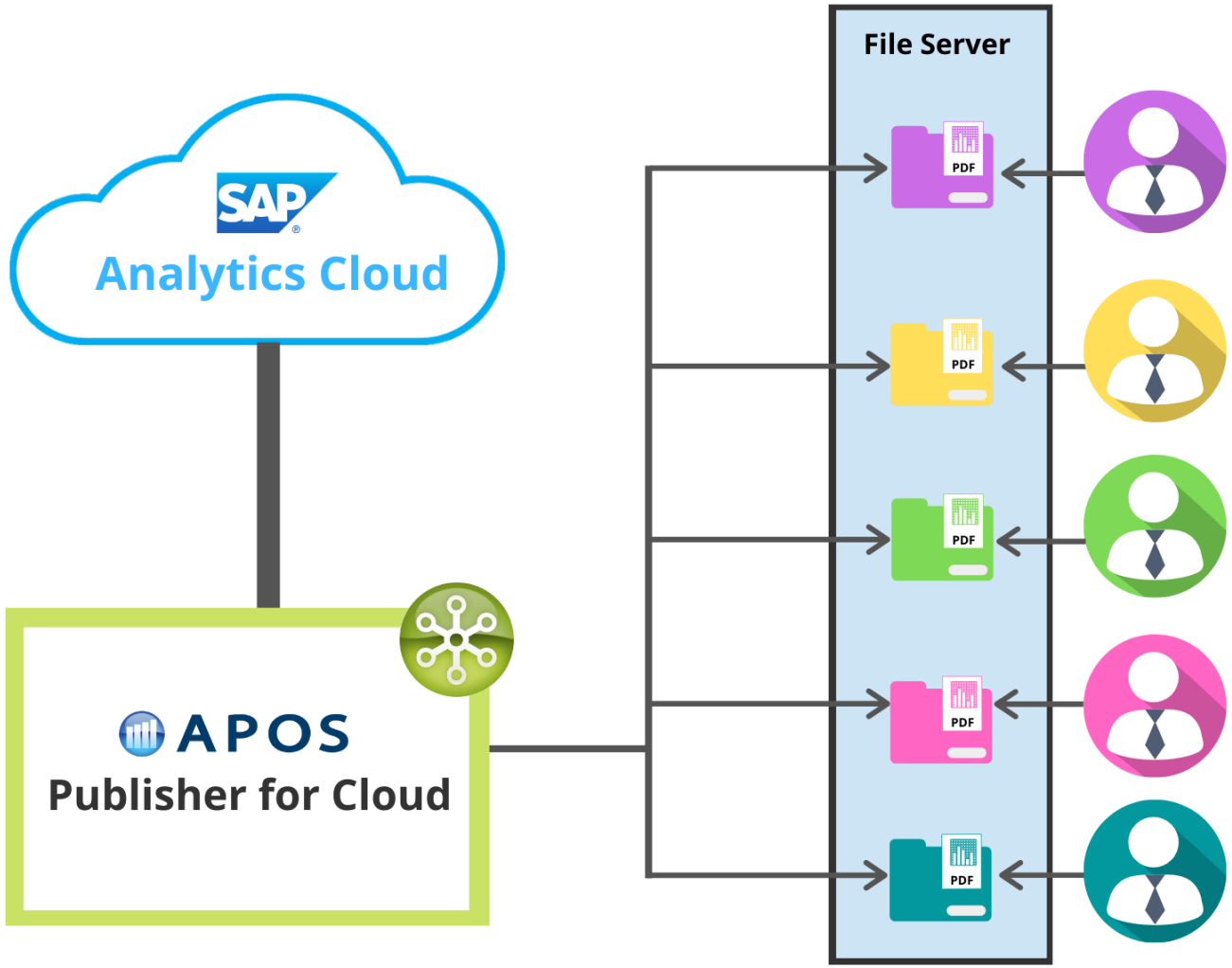
Bursting Data Source

- The results of a SQL statement drive all aspects of the burst

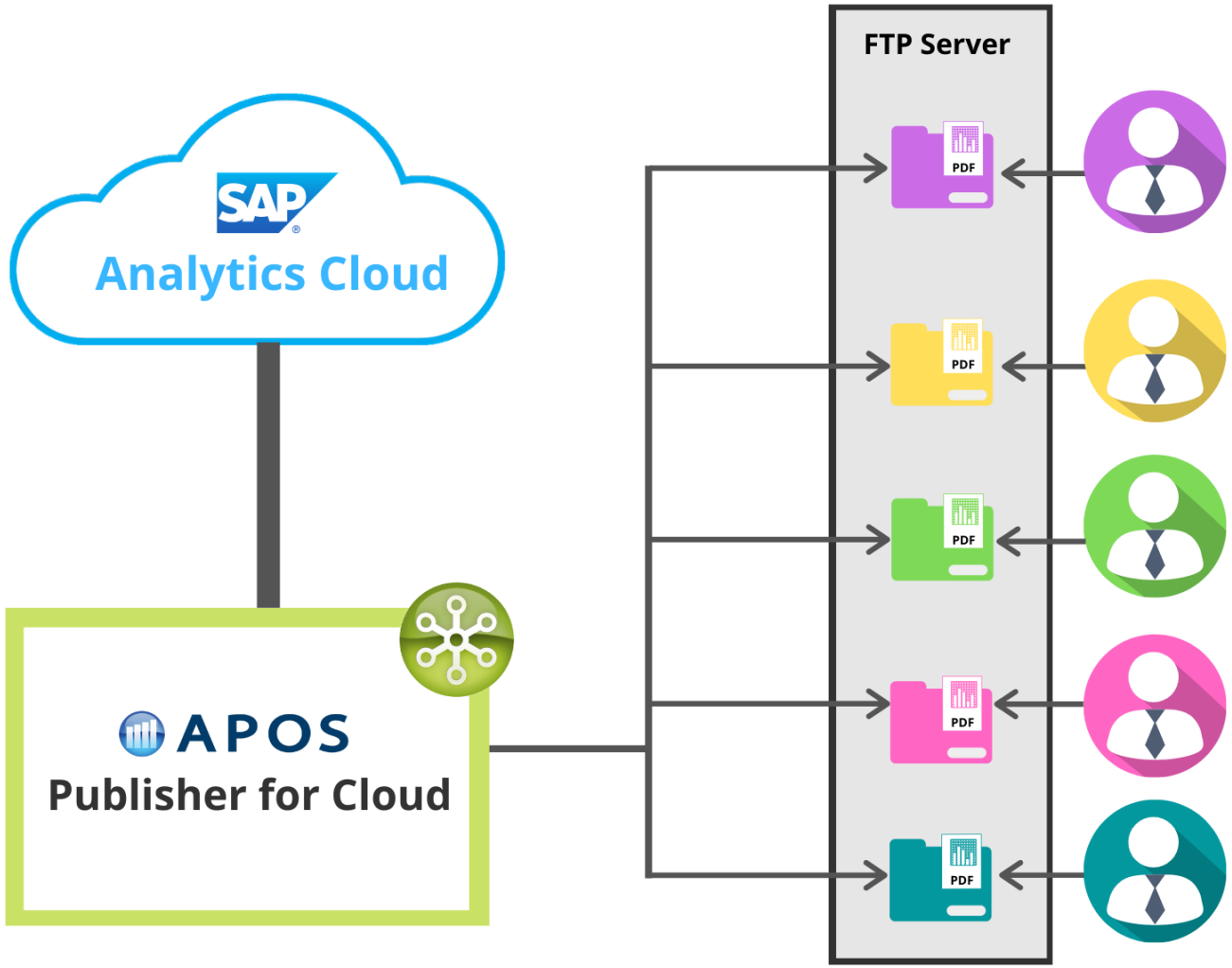
Destination - Email Attachment or Email Body



Destination - Network File Location

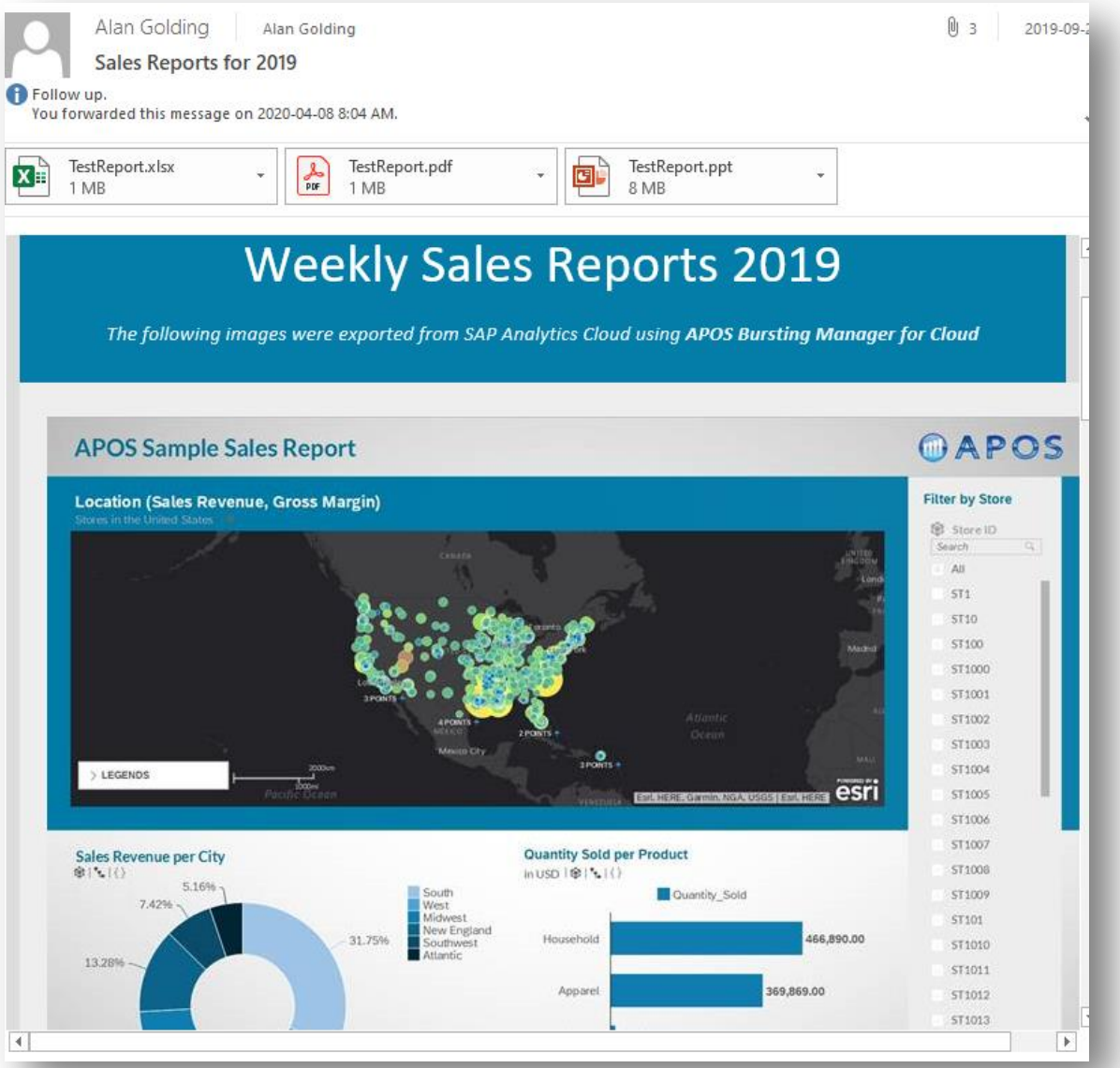


Destination - FTP/FTPS Server

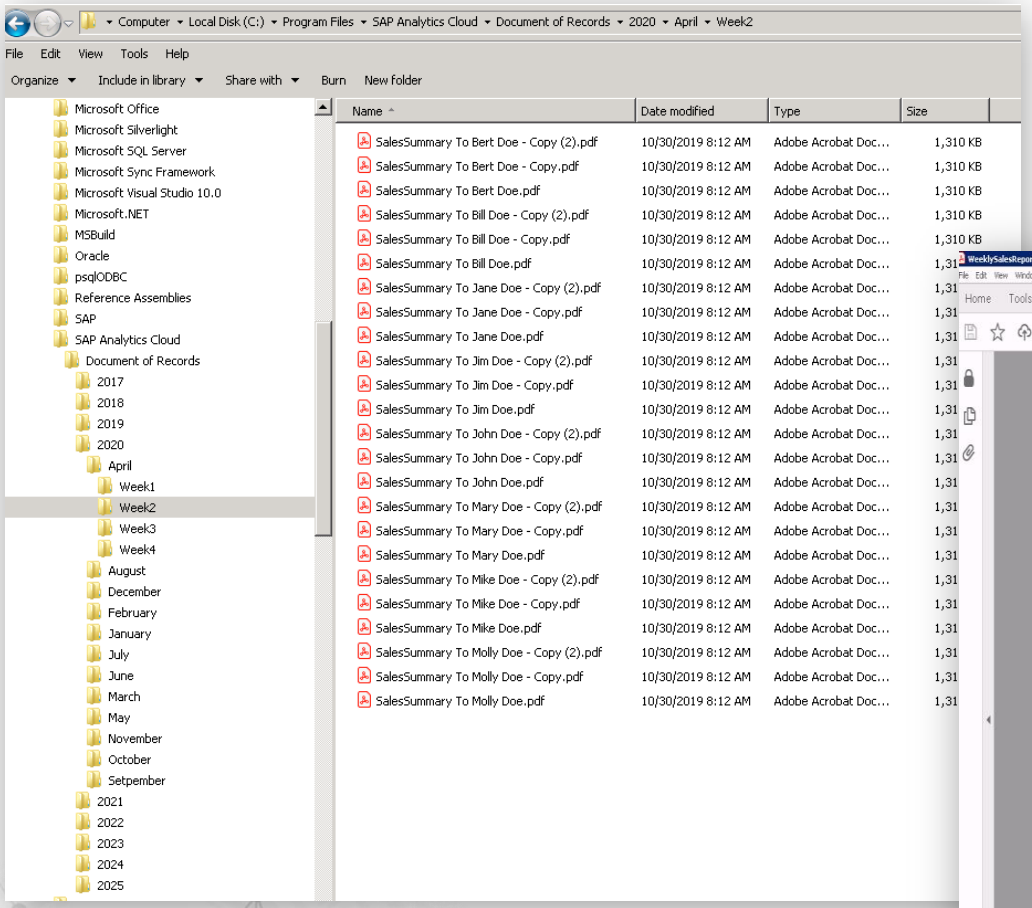


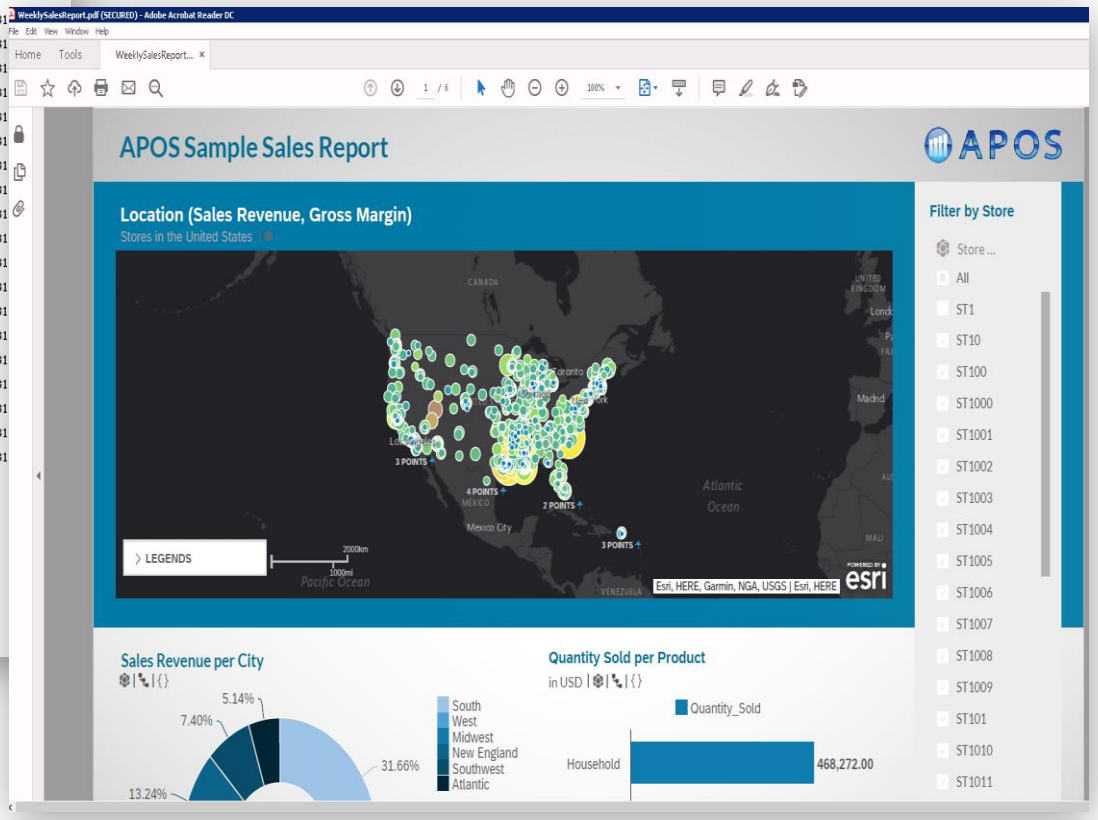
Targeted Distribution

- Deliver SAC stories to the destinations tailored to the recipient

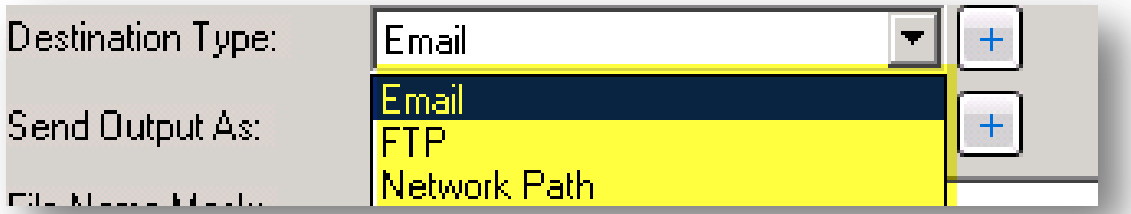


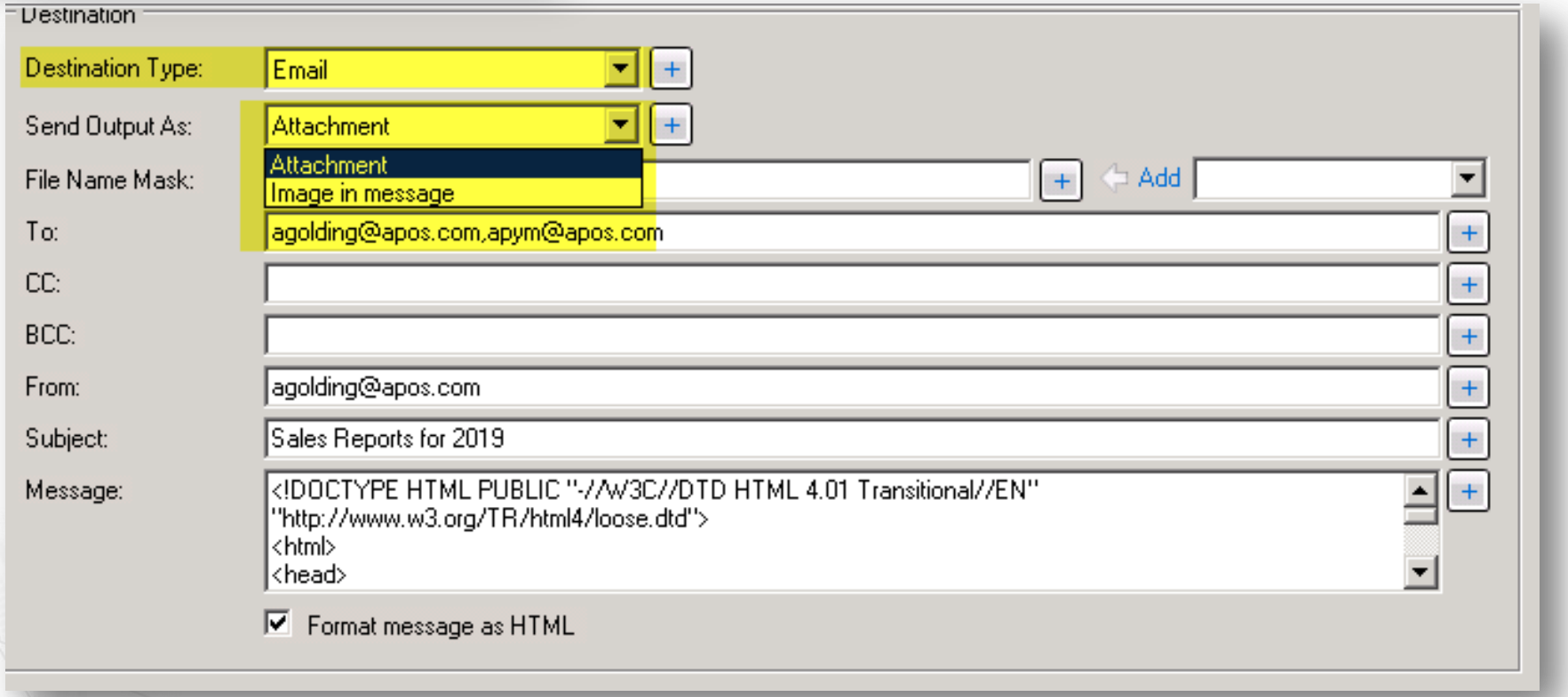
Targeted Distribution





Targeted Distribution





Customer Success

- US-based thin film process equipment manufacturer uses Publisher for Cloud to generate individualized SAC reports focused on manufacturing operations in PDF, PPT, and Excel format for distribution by email.

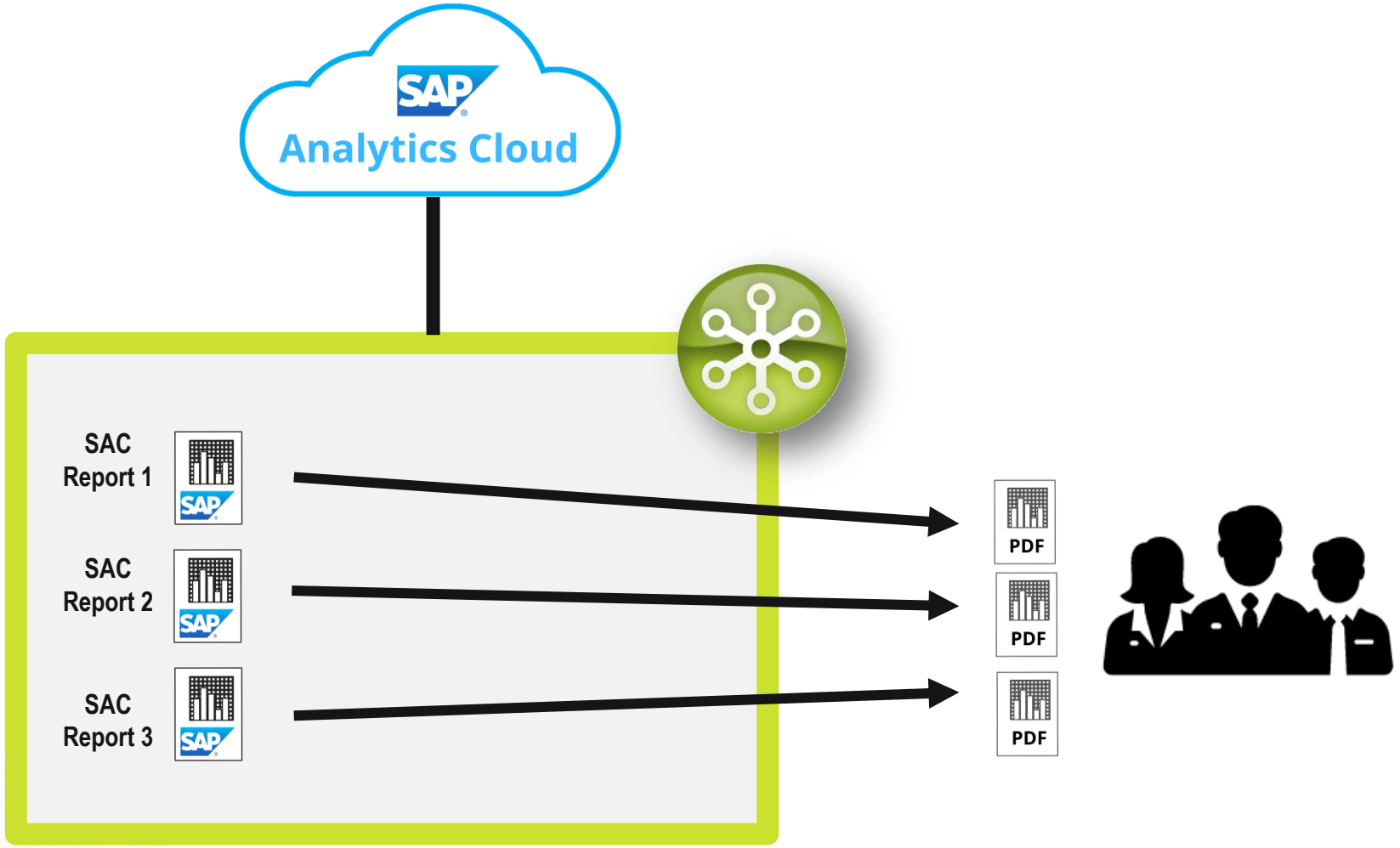
- Mass media (print, electronic and digital media) company based in Delhi, India uses Publisher for Cloud to deliver consistent regional sales performance reports to regional sales managers, with both PDF and PPT formats important

Extend SAC Content Access

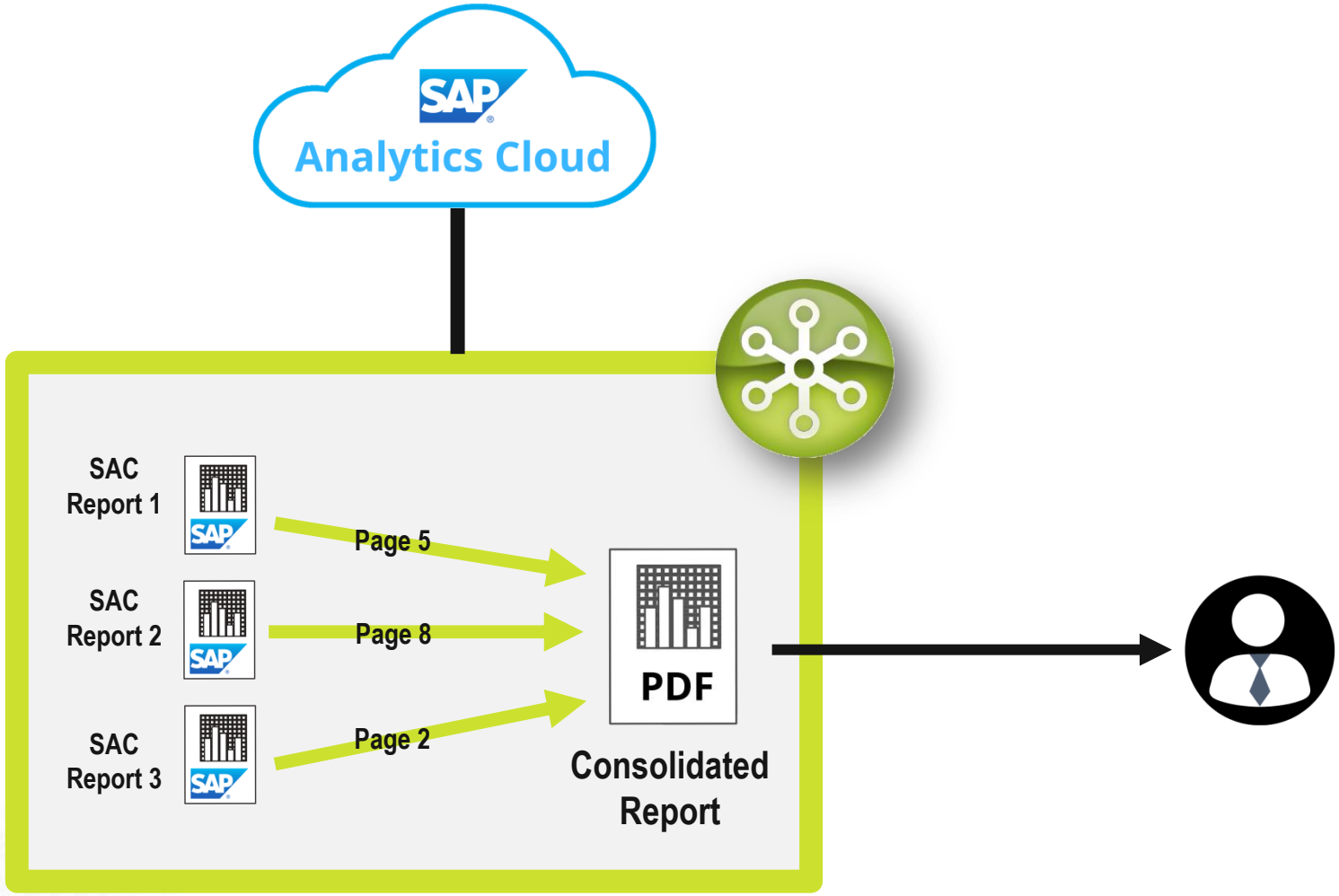
Consolidation

- Some Users require access to multiple information assets in order manage multiple aspects of operations
  - executives & senior management
- Targeted delivery of key pieces of information from multiple reports
- Receiving multiple reports with broad information is challenging to consume

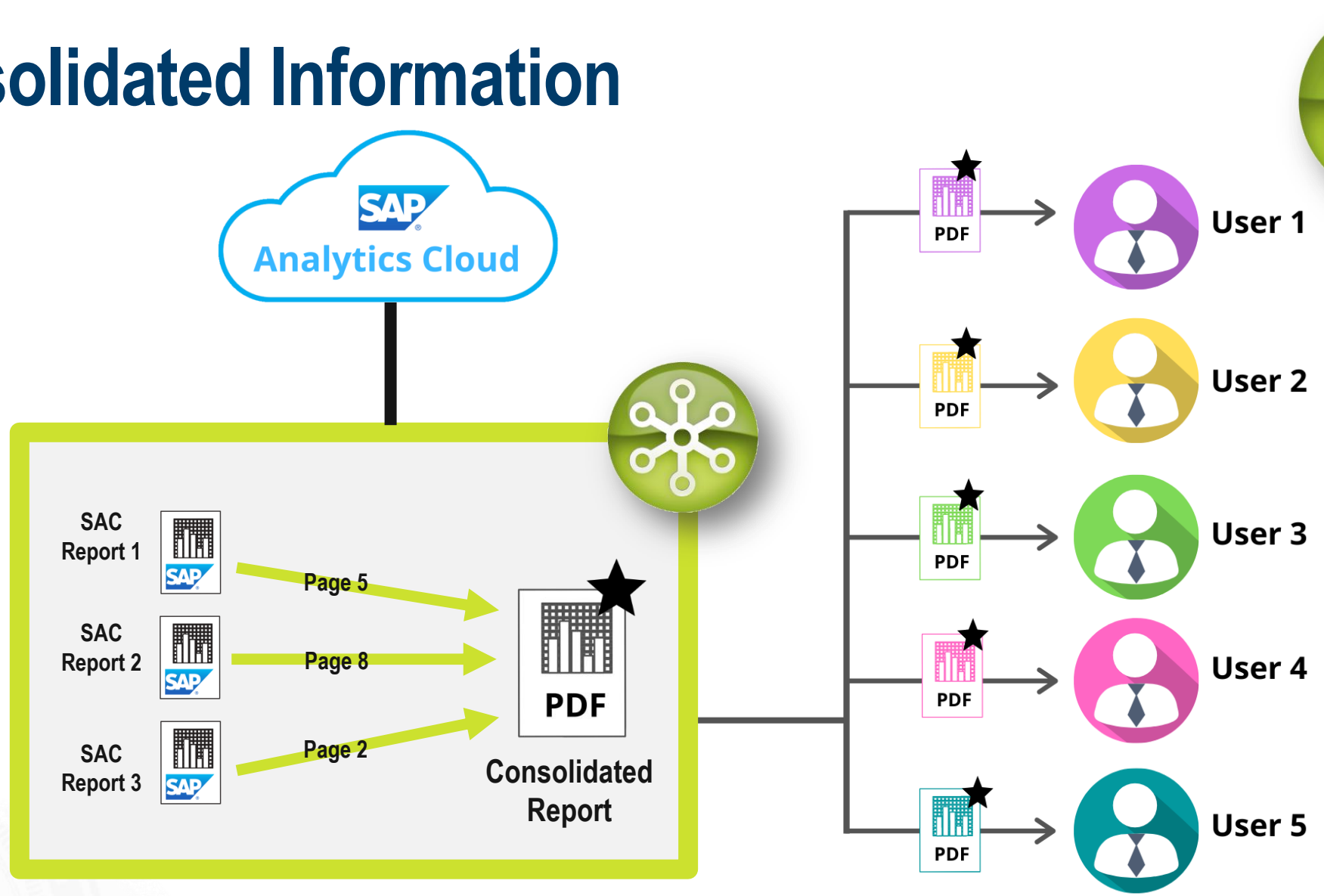
Managing Multiple Aspects of Organization



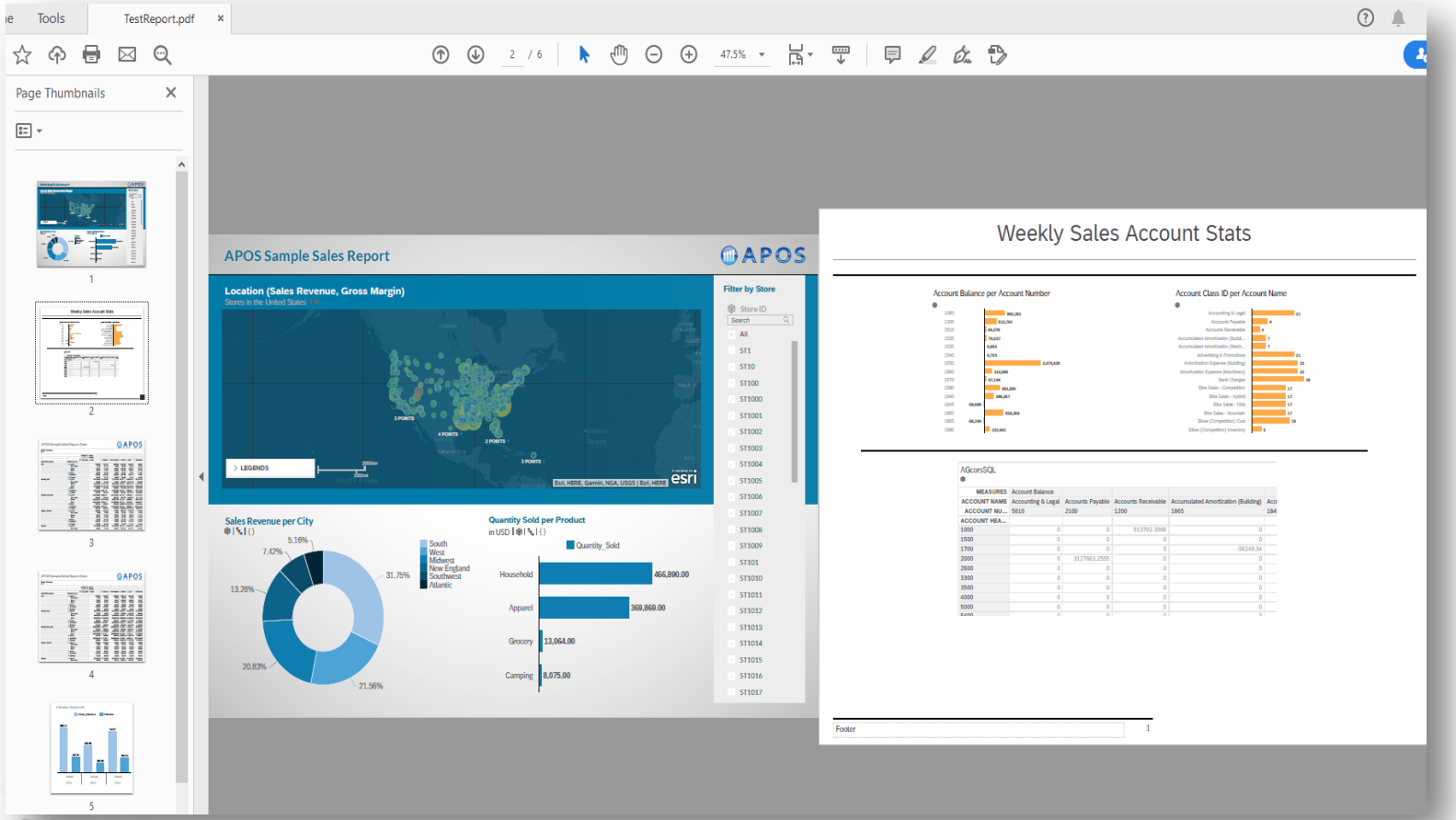
Consolidated Information



Burst Consolidated Information

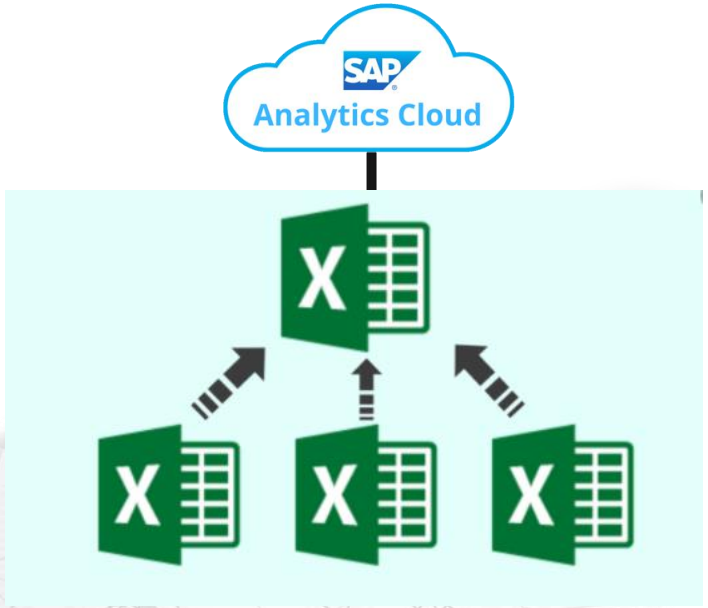


Burst Consolidated Information



- Consolidate pages from different SAC stories into a single document

Burst Consolidated Information



D1

	A	B	C	D
4		City_ID_9902	New England	
5	ACCOUNT_AUTO_0	Order_ID_1059		
6	Price	10		3.73
7		10001		2.19
8		10046		3.17
9		10055		2.65
		1007		

New England | West | Atlantic

READY

Use Cases

- A global capital equipment supplier needed to consolidate multiple SAC Stories into a single document, then distribute to recipients with the personalized and consolidated SAC Stories as embedded body of the email, with nicely formatted HTML.

- A large banking institution needed Excel outputs from multiple bank branches to be consolidated into a single Excel workbook for distribution out to strategic branch operations management as a single Excel workbook with each branch report on a separate tab.

APOS PUBLISHER FOR CLOUD

Getting personalized analytics to the right people, at the right time, in the right format

Personalized Data

Targeted Distribution

Strategic Timing

Tailored Format

Dynamic Flexibility

Reduced IT Burden

APOS Solutions for SAP Analytics Cloud

APOS Live Data Gateway

- Live Connectivity from SAC to wide range of data sources

APOS UMMA

- Automated translation of SAP BI Modelling to HANA and Live Data Gateway

APOS Publisher for Cloud

- Bursting and Distribution of SAC content

APOS Insight for Cloud

- Enhanced Monitoring, Auditing and Validation of SAP Analytics Cloud

Upcoming Events

Simplify Your SAP BusinessObjects Upgrade Pre-Migration Planning- *Webinar*

February 11, 2021 –11 am EST

Upgrades and migrations are typically time-consuming and resource-intensive. The way that you plan for them, and the activities you undertake prior to the transition can go a long way toward reducing the time and resources you need to commit to the execution, validation and optimization of your upgrade or migration.

This webinar looks at techniques you can employ during the pre-migration or upgrade planning stage to mitigate risk, and to simplify and automate your activities.

You will learn how to simplify:

- System Audit
- System Backup
- System Optimization
- Test Plan
- …and much more.

Register at www.apos.com

Upcoming Events

Extend Analytics Data Connectivity - Unified Data Access - *Webinar*

February 25, 2021 –11 am EST

Extend Analytics Access with Distribution of Tailored Content - *Webinar*

March 4, 2021 –11 am EST

Register at www.apos.com

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QUESTIONS?
Please enter your questions in the Q&A panel.

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Thank You!

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info@apos.com

PHONE NUMBER

(+1) 519 894 2767

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