# IBM Cloud Pak for Business Automation Demos and Labs

Operational Intelligence
IBM Business Automation Insights

Build Business Performance Center Dashboard

V 21.0.3 IF010 (Release 2)

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# 1 Lab Introduction

In the labs, you will learn how to build and use the Business Performance Center dashboard to provide insights into a Client Onboarding solution for a line of business users.

# 1.1 Introduction to IBM Business Automation Insights

IBM Business Automation Insights enables the capture of events generated by the operational systems implemented with the IBM Business Automation products. Captured events are aggregated into business-relevant KPIs, and presented in dashboards for lines of business to have a real-time view of their operations.

More technical information about BAI: https://ibm.box.com/v/IBM-BAI-Tech-Intro

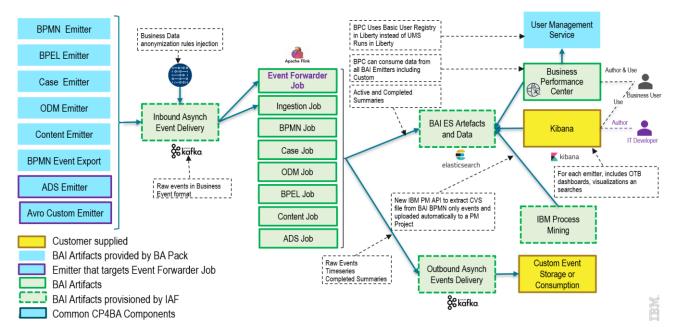


Figure 1. IBM Busines Automation Insights 21.0.3 Architecture

Business Performance Center (BPC), shown in Figure 1 above, is the no-code business monitoring application native to IBM Cloud Pak for Business Automation. Using BPC business users (with no IT assistance) can:

- Design and share dashboards in minutes that capture business data in near real-time and provide awareness of essential business activities and processes.
- Prepare, track, and design visualizations of metrics, key performance indicators (KPIs), and other business performance measurements in customizable dashboards.

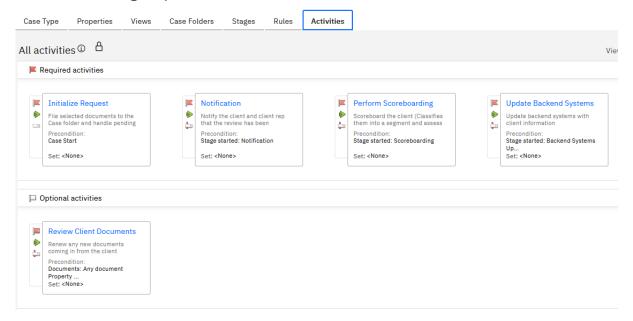
More information about BPC: https://ibm.box.com/v/BusinessPerformanceCenter

#### 1.2 Lab Overview

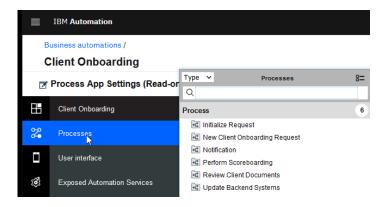
The solution used during the labs is *Client Onboarding* Workflow automation implemented as a Case with several BPMN processes that implement Case Activities. The solution contains a single Case Type (*Client Onboarding Requests*), which includes activities that need to be performed, data, documents, and conditions driving the processing.

Automations / Client Onboarding / Case Type

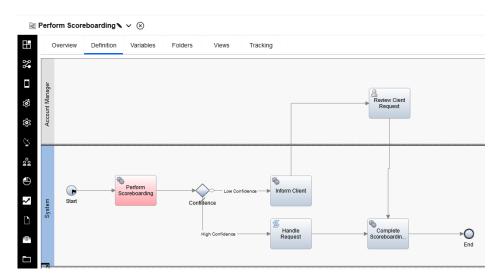
#### Client Onboarding Request



All five Case Activities above are implemented by BPMN Processes (shown below) in an automatically generated Process App (Client Onboarding)



The *Perform Scoreboarding* Activity (shown in light red below) is particularly interesting. It uses Automation Services to invoke Scoreboard decisions implemented using Automation Decision Services.



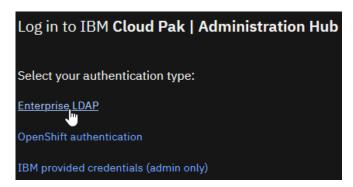
The Scoreboard ADS Decision determines if a client is risky using an ML-based predictive model and classifies the client into a segment.



When authoring one of the Charts, you will be using data generated by the above decision.

# 1.3 Lab Setup Instructions

- \_1. If you are performing this lab as a part of an IBM event, access the document that lists the available systems and URLs along with login instructions. For this lab, you will need to access **IBM Business**Performance Center.
- \_2. Paste the Business Performance Center URL to your web browser.
- \_3. Select Enterprise LDAP login option



4. Enter the supplied to you Username and Password, and then click Log in

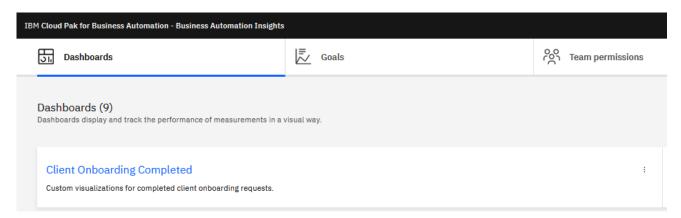


# 2 Exercise: Create Client Onboarding Workflow Dashboard

#### 2.1 Introduction

In this lab exercise, you will use BPC to create a business dashboard that will enable a business user to get a real-time business insight into *Client Onboarding* Workflow.

In addition to built-in dashboards, a reference version of the dashboard you will be building in the lab exercise (called **Client Onboarding Completed**) has already been built for you.



If you like, you can refer to it when building your dashboard version.

Note that BAI events were already generated for you. But, since you are using a live shared environment with you and other users working on Client Onboarding cases, you may see new events arriving as you author your dashboard. Consequently, some of the screenshots in the lab instructions may not look as captured in the lab instructions.

#### 2.2 Exercise Instructions

In this lab exercise, you will author and configure the following BPC artifacts:

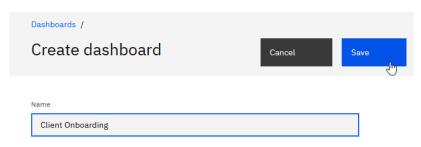
- Client Onboarding Dashboard
- Charts used in the Client Onboarding dashboard
- A Chart Alert
- A Goal to group related Charts

#### 2.2.1 Create a Dashboard

# \_1. Click Create +



#### \_2. For Name, enter Client Onboarding and click Save



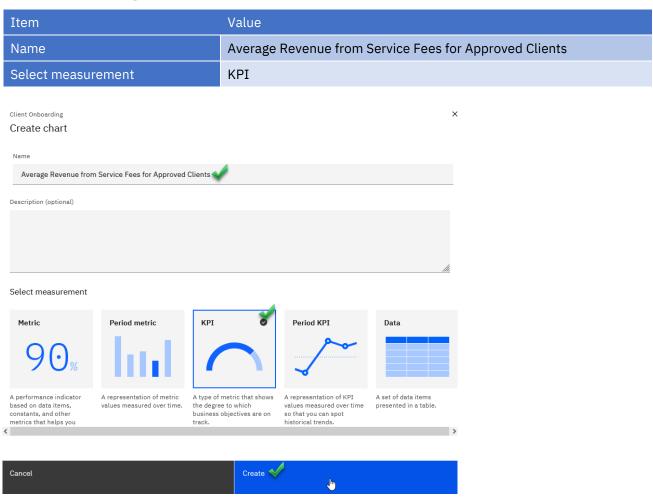
# 2.2.2 Create an "Average Revenue from Service Fees for Approved Clients" Chart

This gauge chart will show the average revenue from service fees for approved clients.

#### \_1. Click chart +



#### \_2. Enter the following and then click Create



#### 2.2.2.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) – Client Onboarding

# Monitoring context Monitoring source Workflow (Case) - Client Onboarding

This will select events from the Client Onboarding Workflow.

\_2. In Aggregation, for Function select Average and Data item select CO\_ServicesFee (data) – (long)

#### Aggregation



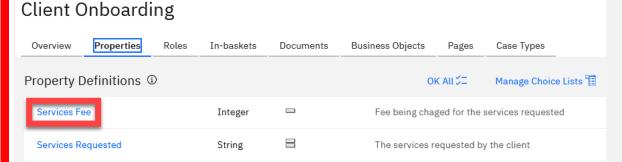
If you wonder how this Case Property got into BAI, look at these comments...

CO in CO\_ServicesFee is the Client Onboarding Solution prefix.

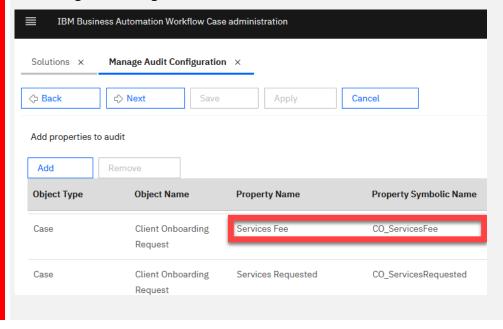
Client Onboarding



ServicesFee in CO\_ServciesFee is the name of the Client Onboarding Case properties



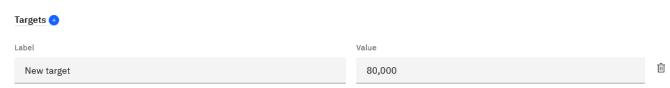
For BAI Case Emitter to add this property to the emitted events, we need to configure the Client Onboarding Audit Configuration



\_3. Click Targets +



\_4. For Value, enter 80000



#### 2.2.2.2 Define Filter Data

When selecting Monitoring source, you specified **Workflow (Case) – Client Onboarding.** This setting allows you to work with the instances of Client Onboarding Workflow. Filters allow you to select specific data you want to display in your chart.

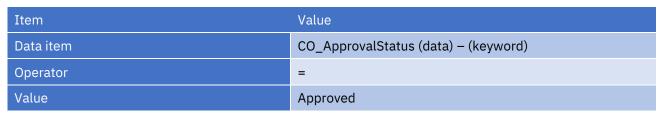
#### \_1. Select Filters tab



\_2. Click the Filter + button.



\_3. Select the following values from the dropdown list:



Your Filter setting should look exactly like this:



#### 2.2.2.3 Define Visualization

This setting allows you to customize your Chart display settings.

#### \_1. Select **Visualization** tab



# \_2. Enter the following values:

Item	Value
Min	0
Max	100,000
Unit	\$

Your Gauge setting should look exactly like this:



#### 2.2.2.4 Define Thresholds

This setting allows you to customize the Gage threshold setting.

# \_1. Select Thresholds tab



\_2. Click the Thresholds + button two times.



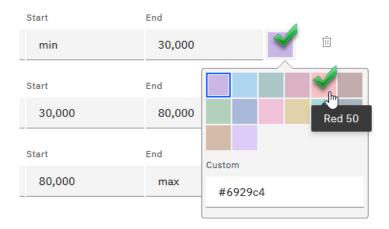
\_3. For each group, select the following values from the dropdown list:

Threshold	Data item	Value
1	Threshold name	Below
	Value	30000
	Range name 1	Poor
	Range name 2	Good
2	Threshold name	Above
	Value	80000
	Range name	Excellent

Your Thresholds setting should look exactly like this:



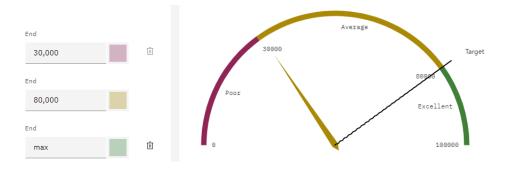
# \_4. Click Purple Color patch and then select Red color patch from the palette



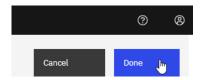
# \_5. Using the above steps, customize the other two colors

Item	Value
Orange	Yellow
Excellent Color	Green

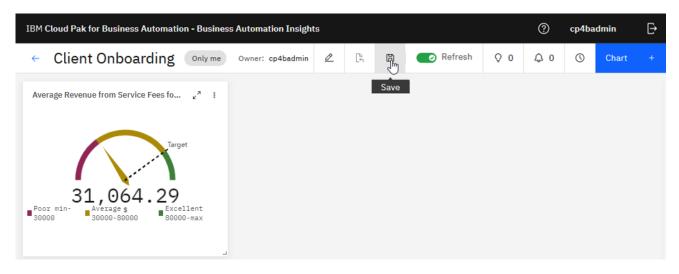
The color settings should look exactly like this:



#### \_6. Click Done



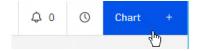
\_7. On the Dashboard, Toolbar click the **Save** icon to save your work!



# 2.2.3 Create "Approvals by Industry" Chart

This hierarchical pie chart will show the state of the industry's approvals (Approved, Rejected, Under Review).

#### \_1. Click chart +



# \_2. Enter the following and then click Create



# 2.2.3.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) – Client Onboarding

#### Monitoring context

Monitoring source

Workflow (Case) - Client Onboarding

#### \_2. Click Group by + button twice

# Group by 👵

\_3. Enter the following keywords for the *Group by* entries:

Item	Value		
1	CO_ApprovalStatus (data) – (keyword)		
2	CO_Industry (data) – (keyword)		
Group by			
CO_ApprovalStatus (data) - (keyword)	<b>v</b>		
CO_Industry (data) - (keyword)	<b>~</b>		

#### \_4. For chart, type select Hierarchical pie

# Metric

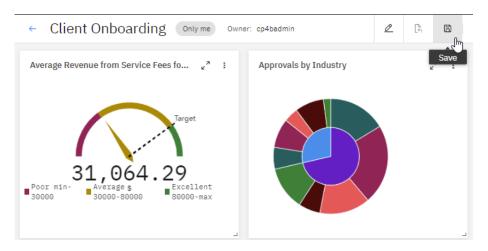
Hierarchical pie



#### \_5. Click Done



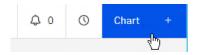
\_6. On the Dashboard, Toolbar click the **Save** icon to save your work!



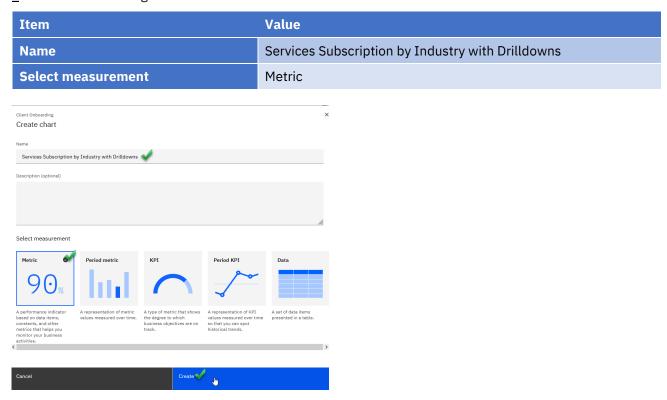
# 2.2.4 Create a "Services Subscription by Industry with Drilldowns" Chart

This pie chart will show the service subscriptions by industry. Another feature of this chart is drilling down by service > industry > country.

#### \_1. Click chart +



# \_2. Enter the following and then click Create



# 2.2.4.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) - Client Onboarding

#### Monitoring context

Monitoring source

Workflow (Case) - Client Onboarding

\_2. Click Group by + button three times

Group by 😑

\_3. Enter the following keywords for the *Group by* entries:

Item Value	
1	CO_Industry (data) – (keyword)
2	CO_ServiceRequested (data) – (keyword)
3	CO_AddressCountry (data) – (keyword)

Drill down groups should look exactly like his:

Group by 🕕

You can drill-down to get the details of each group on the chart.



\_4. For chart type, select Pie

# Metric

Pie



#### 2.2.4.2 Define Visualization Information

\_1. Click **Visualization** tab



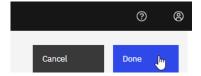
\_2. For Pie settings > unit, enter Drill-down Legend

# Pie settings

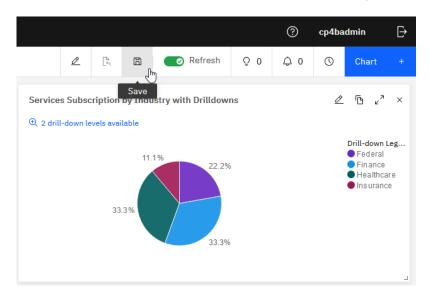
Unit

Drill-down Legend

\_3. Click Done

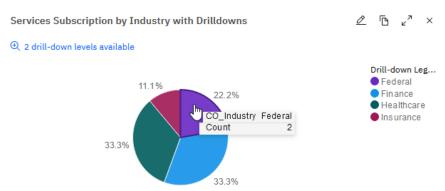


\_4. On the Dashboard, Toolbar click the **Save** icon to save your work!

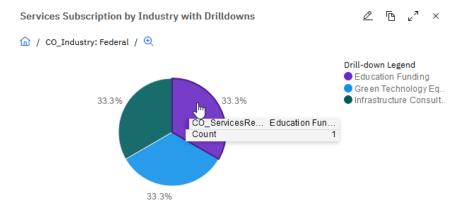


#### 2.2.4.3 Explore Drill-down capability

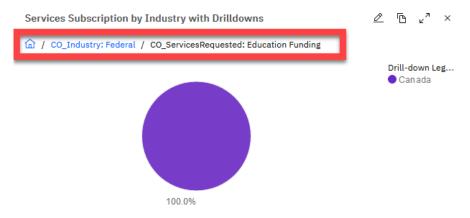
\_1. Select the first drill-down level by clicking on Federal Industry



\_2. Select the second drill-down level by clicking on Education Funding Service



\_3. You should now see all the countries for *Federal > Education Funding* grouping. Note the breadcrumbs,



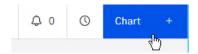
\_4. Click Reset to get back to the original view



# 2.2.5 Create a "Highest Service Fee by Industry Sector" Chart

This bar chart will show the highest service fee by industry sector.

\_1. Click chart +



\_2. In Client Onboarding- Create chart window, enter the following, and then click Create:

Item	Value
Name	Highest Service Fee by Industry Sector
Select measurement	Metric

#### 2.2.5.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) – Client Onboarding

#### Monitoring context



\_2. In Aggregation, for Function select Max and for Data item select CO\_ServicesFee(data) - (long)



\_3. Click Group by + button Group by 😑 \_4. Enter CO\_Industry (data) - (keyword) Group by 🕕

CO\_Industry (data) - (keyword)

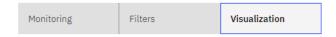
\_5. For chart type, select **Bar** 

# Metric

Bar

#### 2.2.5.2 Define Visualization Information

\_1. Click **Visualization** tab



\_2. For Bar settings, enter:

Item	Value
X-axis label	Industry
Y-axis label	Maximum Service Fee [\$]

#### Bar settings

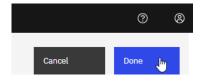
X axis label

Industry

Y axis label

Maximum Service Fee [\$]

\_3. Click Done

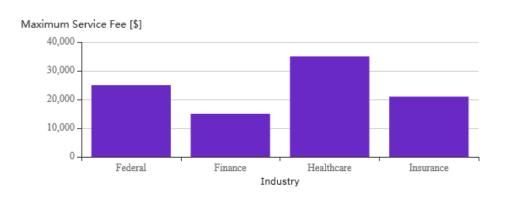


\_4. On the Dashboard Toolbar, click the **Save** icon to save your work!

Your chart should look similar to this



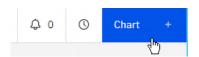




# 2.2.6 Create "Approval Count of High-Risk Cases" Chart

This bar chart will show the approval counts for high-risk cases in a given period. High-risk cases are identified by the decision service (which uses ML service to score risk level) and serve as a suggestion for approvers. This may be an essential metric, indicating that the approver overrode the ML model decision. Therefore, the ML model may not have been accurate and may need re-training.

#### \_1. Click chart +



\_2. In Client Onboarding- Create chart window, enter the following, and then click Create:

Item	Value
Name	Approval Count of High-Risk Cases
Select measurement	Period metric

#### 2.2.6.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) – Client Onboarding

#### Monitoring context



\_2. On Interval, change the setting to Minutes(s)

#### Interval



\_3. For chart type, select Bar

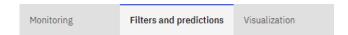
# Period metric

Bar



#### 2.2.6.2 Define Filters and Predictions

\_1. Select the Filters and predictions tab



\_2. Click the **Filter +** button **twice** to add two Filters.



\_3. For each group, select the following values from the dropdown list:

Group	Data item	Operator	Value
1	CO_HighRisk (data) – (boolean)	=	true
2	CO_ApprovalStatus (data) – (keyword)	=	Approved

Your Filters setting should look exactly like this:



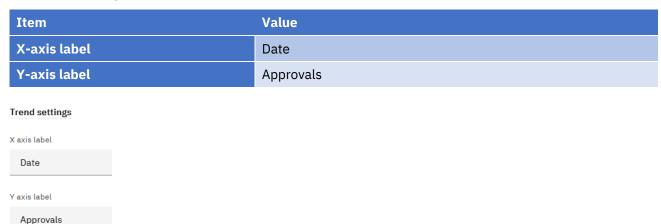


#### 2.2.6.3 Define Visualization Information

\_1. Click Visualization tab



#### \_2. For Bar settings, enter:



#### \_3. Click Done



\_4. On the Dashboard Toolbar, click the **Save** icon to save your work!

Your chart should look similar to this



# 2.2.7 Create an "Average Approval Confidence by Industry Sector and Revenue" Chart

You will be creating the Average Approval Confidence by Industry Sector and Revenue bubble chart. The bubble color will indicate the industry. The bubble size will indicate how many cases were hander a given industry. The bubbles will be positioned in a grid with X-Axis as the average revenue and Y-Axis as the average approval confidence level.

#### \_1. Click chart +



\_2. In Client Onboarding- Create chart window, enter the following, and then click Create:

Item	Value	
Name	Average Approval Confidence by Industry Sector and Revenue	
Select measurement	Metric	

#### 2.2.7.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) – Client Onboarding

#### Monitoring context

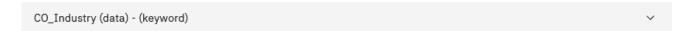
Monitoring source

Workflow (Case) - Client Onboarding

\_2. Click Group by + button

# Group by 😑

\_3. Select CO\_Industry (data) - (keyword)

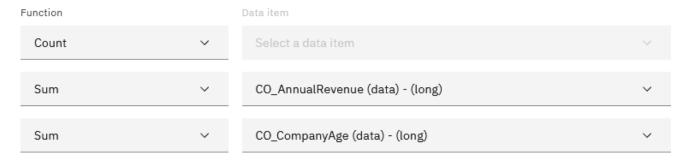


\_4. Click the Aggregation + button twice to add two Aggregations



Note that two Aggregations were added below Count

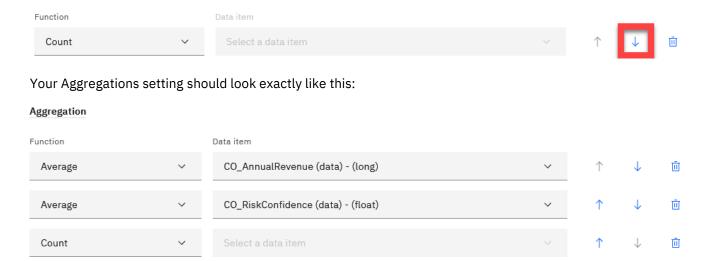
#### Aggregation



\_5. For the two new Aggregations, select the following values from the dropdown list:

Aggregation	Function	Data item
2	Average	CO_AnnualRvenue (data) – (long)
3	Average	CO_RiskConfidence(data) – (float)

\_6. Use the **Down Arrow** on the Count Aggregation to move it to the bottom (make it the last Aggregation).

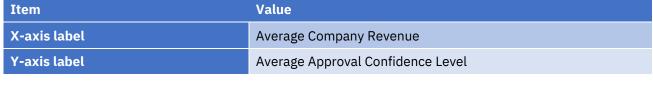


#### 2.2.7.2 Define Visualization Information

#### \_1. Click **Visualization** tab



#### \_2. For Bubble settings, enter:

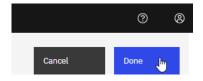


#### Bubble settings

X axis label
Average Company Revenue

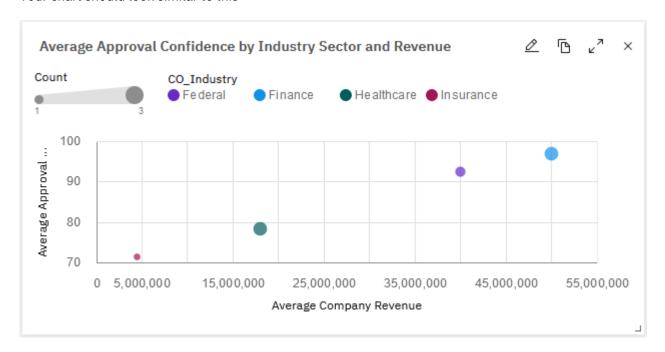
Y axis label
Average Approval Confidence Level

#### \_3. Click Done



\_4. On the Dashboard Toolbar, click the Save icon to save your work!

Your chart should look similar to this



# 2.2.8 Create an "Activity Duration Distribution in Case Completion" Chart

This doughnut chart will show the average time distribution among all activities required to complete a case.

#### \_1. Click chart +



\_2. In Client Onboarding- Create chart window, enter the following, and then click Create:

Item	Value
Name	Activity Duration Distribution in Case Completion
Select measurement	Metric

#### 2.2.8.1 Define Monitoring Information

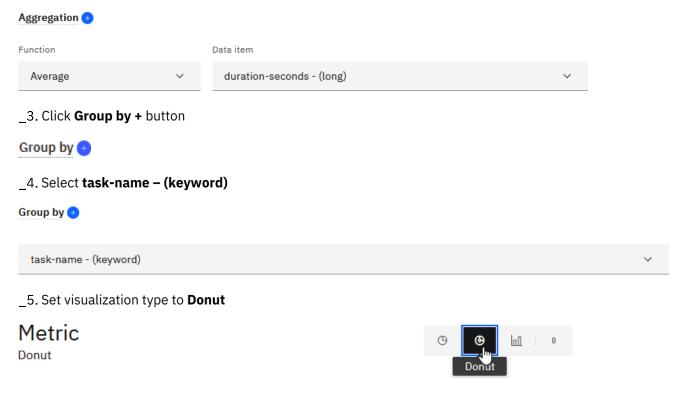
\_1. For Monitoring source, select Workflow (Case) – Client Onboarding

#### Monitoring context

Monitoring source

Workflow (Case) - Client Onboarding

\_2. Change the Aggregation values by setting *Function* to **Average** and *Data item* to **duration-seconds – (long)** 



#### 2.2.8.2 Define Visualization Information

\_1. Click Visualization tab

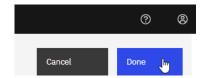


\_2. For Donut settings, set Unit to Activity

Donut settings

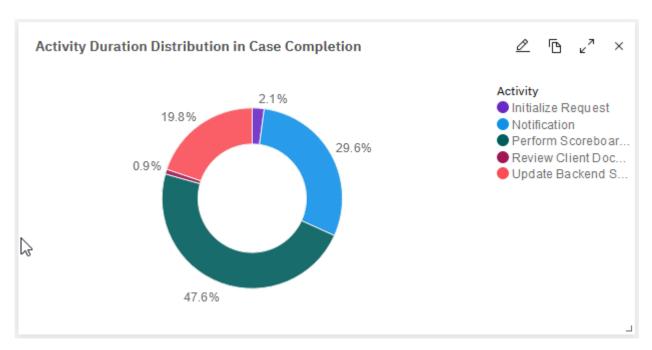
Unit

\_3. Click Done



\_4. On the Dashboard, Toolbar click the **Save** icon to save your work!

Your chart should look similar to this



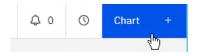
# 2.2.9 Create a "Completed Cases per Day" Chart

This bar chart will show the number of cases completed in a time period.

Note that the title states "per Day," but given the data set used for this lab, the scale set "per Minute".

This chart will also include two advanced features:

- 1. Predictions predicts the number of cases completed in the future. This is a very valuable tool to enable capacity human resources planning.
- 2. Alerts provide visual indications when the number of cases completed falls below 2 in a given period.
- Note that the KPI Predictions are not based on ML. Depending on the data, KPI Prediction uses the following algorithms: ARIMA, Seasonal ARIMA, or Exponential Smoothing.
- 1. Click chart +



\_2. In Client Onboarding- Create chart window, enter the following, and then click Create:

Item	Value
Name	Completed Cases per Day
Select measurement	Period KPI

#### 2.2.9.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) - Client Onboarding

#### Monitoring context

Monitoring source

Workflow (Case) - Client Onboarding

\_2. On Interval, change the setting to Minutes(s)

#### Interval

Time interval



\_3. Click Targets + button



\_4. For Label, enter Target and for Value, enter 3



\_5. For visualization, select **Bar** 

# Period KPI

Bar



#### 2.2.9.2 Define Filters

\_1. Select the Filters and predictions tab



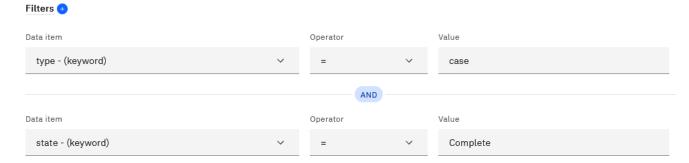
\_2. Click the Filter + button twice to add two Filters



\_3. Select the following values for each Filter:

Filter	Data item	Operator	Value
1	type – (keyword)	=	case
2	state – (keyword)	=	Complete

Your Filter setting should look exactly like this:



\_4. Click **Prediction on** to enable Predictions

#### Prediction



# 2.2.9.3 Define Visualization Information

# \_1. Click Visualization tab



# \_2. For Trend settings, enter:

Item	Value
X-axis label	Date
Y-axis label	Completed Cases

Trend settings

X axis label

Date

Y axis label

Completed Cases

#### 2.2.9.4 Define Thresholds

This setting allows you to customize the Gage threshold setting.

# \_1. Select **Thresholds** tab

onitoring Filters	Visualization	Thresholds
-------------------	---------------	------------

# \_2. Click the **Thresholds +** button **twice** to add two thresholds



\_3. For each group select the following values from the dropdown list:

Threshold	Data item	Value
1	Threshold name	Case Completion Rate
	Value	2
	Range name 1	Low
	Range name 2	Normal
2	Threshold name	T2
	Value	5
	Range name	High

Your Thresholds setting should look exactly like this:



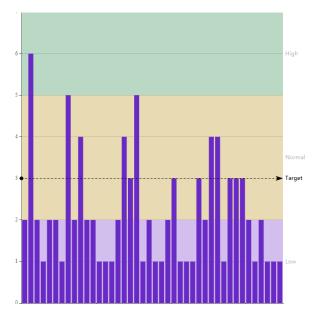
# \_4. Click Purple Color patch and then select Red color patch from the palette



\_5. Using the above steps, customize the other two colors

Item	Value
Normal	Yellow
High	Green

\_6. The color settings should look exactly like this:



# 2.2.9.5 Define Alert

This setting allows you to customize the Gage threshold setting.

\_1. Click Alerts +



\_2. Make sure the threshold Case Completion Rate is selected

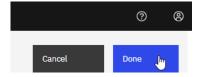
Alerts 🕕

Case Completion Rate

\_3. Configure the alert using input values shown below

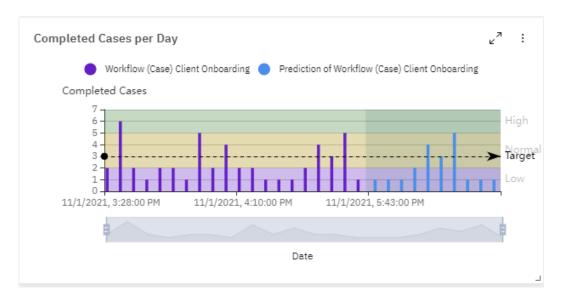


\_4. Click Done



\_5. On the Dashboard Toolbar, click the **Save** icon to save your work!

Your chart should look similar to this



# 2.2.10 Create "Approvals by Industry Heatmap" Chart

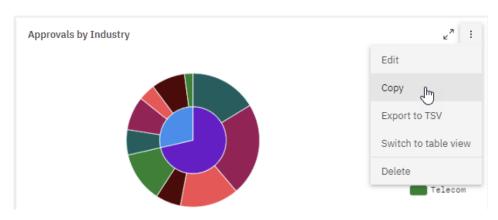
You will be creating Approvals by Industry heatmap chart.

The chart will contain two tiles for each industry: an approved and Rejected tile. The tile color intensity will indicate the count (the deeper the color, the higher the count).

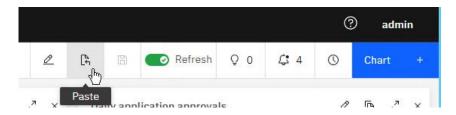
The tiles will be positioned in a grid with the X-Axis indicating the approvals (approved/rejected/approval pending), and the Y-Axis the industry.

Since this chart is almost identical to the *Approval by Industry* chart, we will use the copy-and-paste technique to create this chart from the *Approvals by Industry* chart.

1. On the Approvals by Industry chart, click the ellipses and select Copy



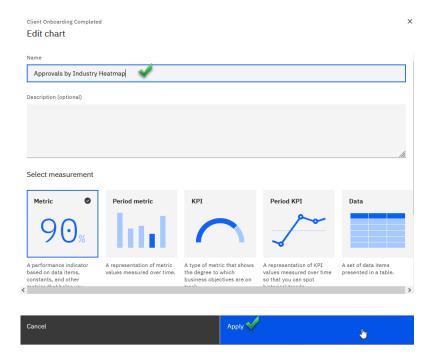
\_2. On the BPC main toolbar, click Paste



- \_3. On the copy of the Approval by Industry chart, click Edit
- \_4. Click Edit configuration



# \_5. For Name, enter Approvals by Industry Heatmap and then click Apply



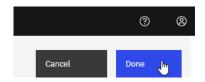
# 2.2.10.1 Define Monitoring Information

\_1. For visualization, select **Heat Map** 



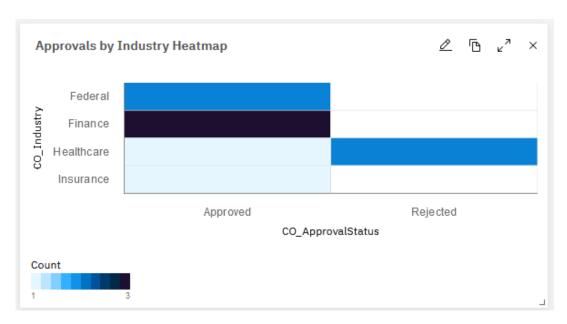


#### \_2. Click Done



\_3. On the Dashboard Toolbar, click the **Save** icon to save your work!

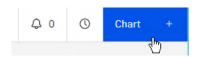
Your chart should look similar to this



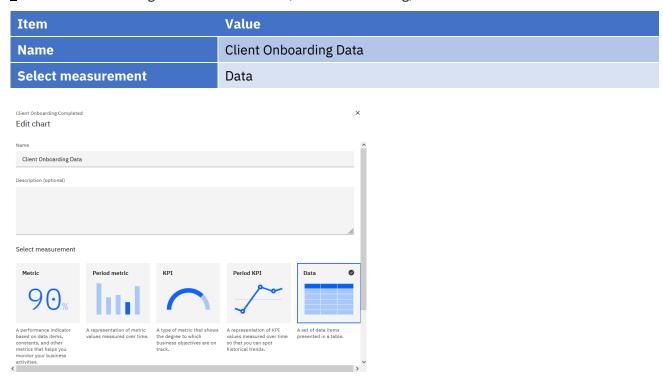
# 2.2.11 Create a "Client Onboarding Data" Chart

You will be creating a Client Onboarding data chart. The data chart will contain columns representing selected Client Onboarding case properties.

#### \_1. Click **chart +**



\_2. In Client Onboarding- Create chart window, enter the following, and then click Create:



#### 2.2.11.1 Define Monitoring Information

\_1. For Monitoring source, select Workflow (Case) - Client Onboarding

#### Monitoring context

Monitoring source

Workflow (Case) - Client Onboarding

#### 2.2.11.2 Define Filters

1. Select Filters tab



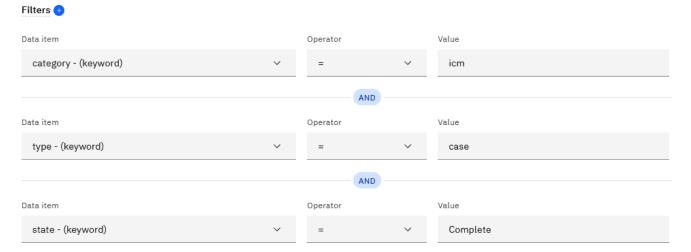
\_2. Click the **Filter +** button **three times** to add three Filters.



\_3. For each group, select the following values from the dropdown list:

Group	Data item	Operator	Value
1	category – (keyword)	=	icm
2	type – (keyword)	=	case
3	state – (keyword)	=	Complete

Your Filters setting should look exactly like this:



#### 2.2.11.3 Define Visualization

\_1. Select Visualization tab



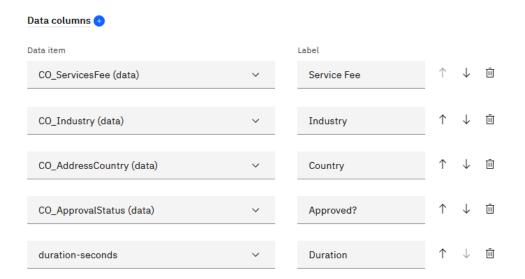
# \_2. Click the **Data columns +** button **5 times** to add five data columns



\_3. For each group, select the following values from the dropdown list:

Data column	Data item	Label
1	CO_ServiceFee (data)	Service Fee
2	CO_Industry (data))	Industry
3	CO_AddressCountry (data)	Country
4	CO_ApprovalStatus (data)	Approved?
5	duration-seconds	Duration

Your Data columns setting should look exactly like this:



\_4. Click the **Service Fee** column to sort the data by the Service Fee column.

#### Data

5 columns, 12 rows



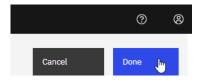
The data in the Data Chart should look similar to this

#### Data

5 columns, 12 rows

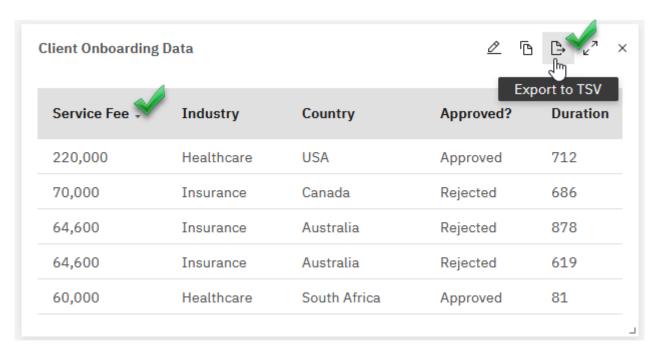
Service Fee +	Industry	Country	Approved?	Duration
35,000	Healthcare	United States of America	Rejected	60
25,000	Federal	United States of America	Approved	71
21,000	Healthcare	United States of America	Approved	76
21,000	Healthcare	United States of America	Rejected	84
15,000	Finance	United States of America	Approved	51
15,000	Finance	United States of America	Approved	59
15,000	Federal	Canada	Approved	52
15,000	Finance	United States of America	Approved	59

# \_5. Click **Done**



\_6. On the Dashboard, Toolbar click the **Save** icon to save your work!

The chart should look similar to this



#### Note:

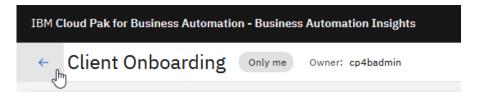
- You can sort the data in the chart. For example, in the screenshot above, the chart is sorted by Service Fee column
- You can export the data in the chart as a spreadsheet in the TSV format.

#### 2.2.12 Create a Configure Goal

A Goal is a business statement that brings purpose and scope to your dashboards. Goals are used to aggregate charts within a dashboard and to give dashboards a business purpose. A Goal's definition includes the details of a specific objective you want to achieve, the time frame for achieving an objective, and identifiers (categories and colors) for the goal.

#### **2.2.12.1** Create a Goal

\_1. Click the **Arrow** to the left of the Client Onboarding dashboard



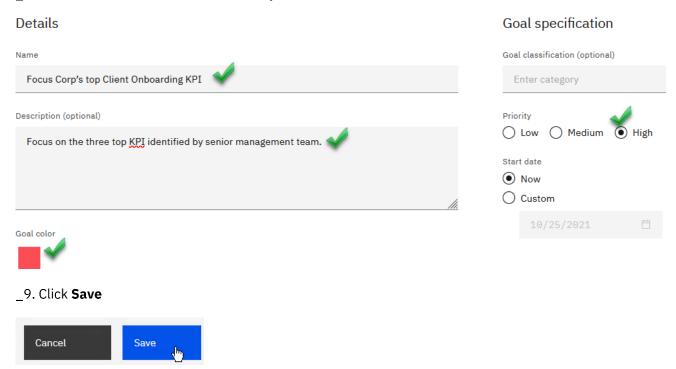
#### \_2. Click Goals



#### \_3. Click Create



- \_4. For Name, enter Focus Corp's top Client Onboarding KPI
- \_5. For Description, enter Focus on the three top KPIs identified by the senior management team.
- \_6. For Priority, select High
- \_7. Click Goal color to Red
- \_8. Your Goal definition should look exactly like this:

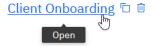


#### 2.2.12.2 Set business goal for selected charts

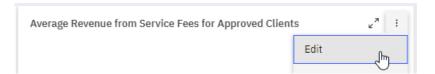
#### \_1. Click Dashboards



#### \_2. Click Client Onboarding dashboard



\_3. On Average Revenue from Service Fees for Approved Clients, dashboard click the **ellipses** and select **Edit** 



\_4. For Business goal, from the dropdown list, select Focus Corp's top Client Onboarding KPI

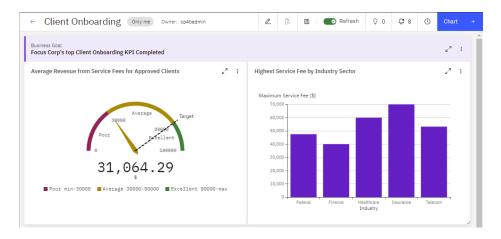
Business goal

Focus Corp's top Client Onboarding KPI

\_5. Click Done



\_6. Repeat the above steps to add a *Business Goal* to **Highest Service Fee by Industry Sector** Your dashboard should now look similar to this:



# 2.2.13 Change Dashboard Layout

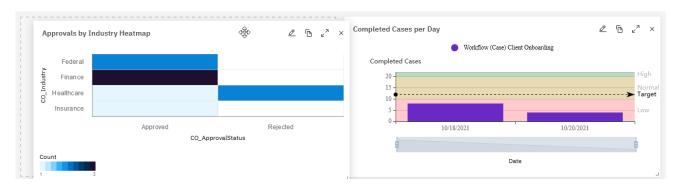
You will now customize your dashboard by moving and changing chart sizes.

#### 2.2.13.1 Move Approvals by Industry Heatmap Chart

\_1. Click the title area on the Approvals by Industry Heatmap chart:

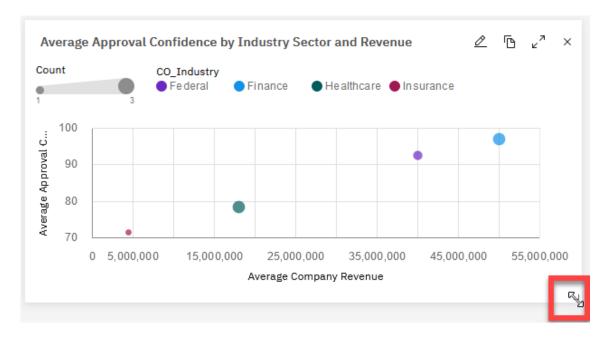


\_2. Drag the chart to the empty area to the left of the Completed Cases per Day chart

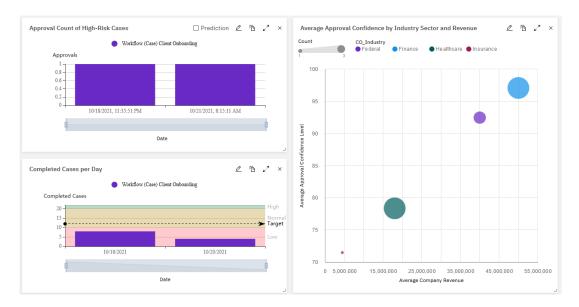


#### 2.2.13.2 Expand Chart Average Approval Confidence by Industry Sector and Revenue

\_1. Grab the image expander in the bottom right corner of the **Average Approval Confidence by Industry Sector and Revenue** chart

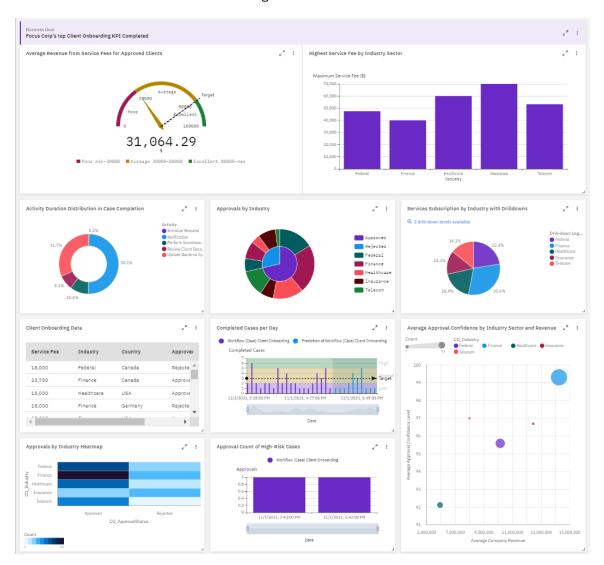


\_2. Stretch the chart downwards util it achieves the height of two charts



\_3. On the Dashboard Toolbar, click the **Save** icon to save your work!

Your final version of the Client Onboarding Dashboard should now look similar to this:

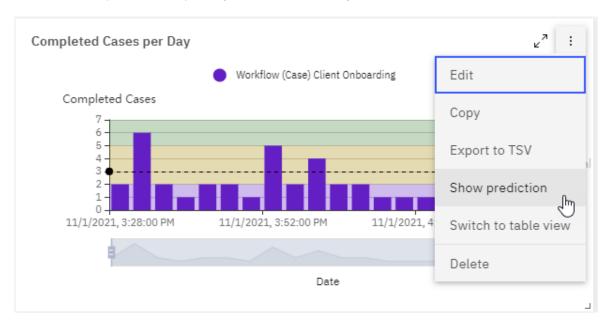


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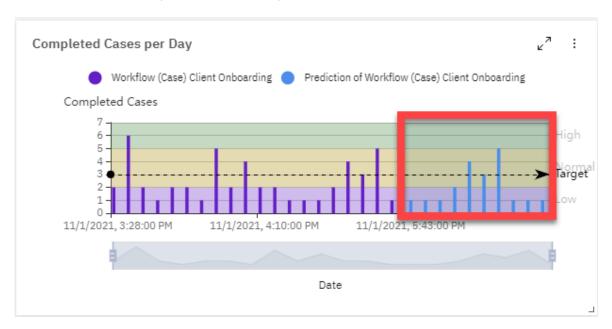
# 2.2.14 Explore Advanced Dashboard Features

#### 2.2.14.1 KPI Predictions

\_1. On the Completed Cases per Day, Chart click the ellipses and then select Show Predictions

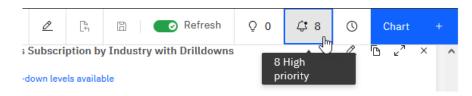


You should now see the predicted case completion rate information

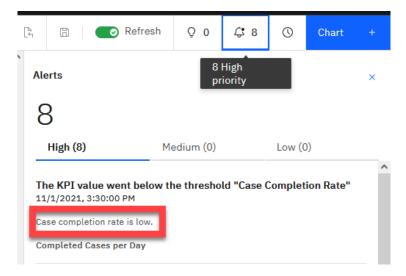


#### 2.2.14.2 Dashboard Alerts

\_1. Click the Alert icon in the toolbar on top of the Dashboard



You should now see all the alerts generated whenever the Case Completion Rate just reached or went below the lower threshold (2) you defined in the Completed Cases per Day Chart.



Because this is a shared environment, you may see more alerts generated when other users work on the Client Onboarding case.

# 2.3 Summary

In the labs, you learned how to build and use the Business Performance Center dashboard to provide insights into a Client Onboarding solution for a line of business users. Specifically, you learned how to create and configure the following BPC artifacts: Dashboards, Charts, Chart Alerts, and Goals.