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01. BUSINESS INTELLIGENCE: CROSS-MATTER DASHBOARDS

Axcelerate's **Business Intelligence** (BI) modules allow for quick evaluation of project data. The BI dashboards are equipped with pre-configured Sheets that can be quickly adjusted to specific criteria as desired. Sheets can be easily copied, edited, and saved for user-driven, customized reporting with a wide range of visualizations. Bookmarks let individual users automatically filter the data to their personal preferences with a single click.

There are two cross-matter BI dashboards available to Case Manager users by default, the **Portfolio Dashboard** and the **Efficiency Score Dashboard**. A Productivity Dashboard is optionally available on a per project basis, and is covered in a separate guide.

The **Portfolio Dashboard** helps you visualize the status of all matters in your portfolio from a number of angles. Which cases are more, or less, active? Where is the bulk of un-reviewed data? Are those projects sufficiently staffed compared to end-of-lifecycle projects? The **Portfolio Dashboard** delivers the answers and lets you customize reports to hone in on exactly what you need to know to maximize review progress.

The **Efficiency Score Dashboard** provides powerful cross-matter metrics on cull rates, data set responsiveness and the efficacy of various prioritization approaches. Are there particular techniques that perform well, and should be used more often? Are there techniques that are underperforming and should be avoided? Using this dashboard, you can gauge how efficient a review is, and understand which strategies may help make it more effective.

02. ACCESS THE CROSS-MATTER DASHBOARDS

The Portfolio Dashboard and the Efficiency Score Dashboard are accessed via the **Matter List**, where a **Business Intelligence** link to displays in the **Pages** menu.

This special page is available only to Case Managers who have access to at least one Review & Analysis project, or with access to at least one ECA project.

- Users will see no ECA information unless they have at least Administrator or Standard permissions to the respective ECA case.
- If a user has different permissions across R&A projects, information is displayed only for those projects in which the user has Case Manager rights.

AXCELERATE 5 by Recommind	Navigation
Search 📃 <	Navigation
Search in	Processing
Matter Properties Favorite Type	Business Intelligence

03. BUILT-IN, APPROVED SHEETS

The **Portfolio** and **Efficiency Score Dashboards** offer several built-in, "approved" Sheets, or report templates. Section 5 and 6 provide an overview of the content of the approved Sheets available to the respective dashboards.

Click the **Sheets menu** to see the list of built-in Sheets.

Dashboard		_
Ø ▼ 🗄 ▼ Portfolio Dashboard	🔯 🖓 🖌 🗶 Edit Status Overview	₽₽
No selections applied	Sheets R	Ek
Status Overview		>
Total Cases:	Run Status	
8	Killed	
Total Documents: 1,478,311	Stopped 2	
	2 Failed	

No customization is needed to immediately put the template Sheets to work for you. These Sheets are created by Recommind to work right out of the box, and address the majority of the business questions Case Managers ask in evaluating their reviews.

The approved Sheets cannot be modified by any user, so they always remain pristine and ready-to-use, though you may incorporate and customize elements of these templates into personalized Sheets, detailed below.

04. NAVIGATION BASICS

Sheet-to-Sheet navigation buttons are located at the top right of the screen. Use these buttons to browse through the Sheets. If you have specific search criteria applied, you can browse through each Sheet to see the how it is affected by the filter(s).

6	·	2	Edit	R&A Status		
					Q	. Ek
					(\sim

Use the **search tool** to input field names or field values to set up filters for your Sheets, e.g., filter all of your Sheets to show statistics for one particular project. Once you begin typing some search criteria, matching results will be suggested.

Ø ▼ Ξ ▼ Portfolio Dashbo	ard		Edit	R&A Status	
Ko selections	applied				Q .
	+				8
TESTING					
Descript TEST_DB_Review_					
DO NOT U Name TEST_Review	I. YIIIII				
2015083 Test2_Review	, SDE_ <mark>TEST</mark> _DB_Review P				
2015083 TEST_DB_Review2	, SDE_ <mark>TEST</mark> _DB_Review P				

Applied filters display in the header so you can always see them at a glance. Multiple filters can be stacked on top of one another, to achieve the desired level of granularity.

0.		Por	tfolio Dashb	oard		
€ 2 (2		Status Running	8	Creation Date 2/26/2014 10:3	8

Once applied, filters affect all graphs on the current Sheet and any other Sheet you may navigate to within your current session, so you don't have to re-apply them as you move from Sheet to Sheet.

Use the **Step Back** and **Step Forward navigation buttons** to shift back and forth in time, to see what filters you have applied at various points.



Remove individual filters using the X icon beside the displayed filter criteria.



To remove all of the filters at one time, use the **Clear All Selections** button.



It's easy to apply filters from within a single Sheet as well. To do this, drag your mouse over the area of interest in the graph. Once the filter is set up, click the green **Confirm** button to apply it, or discard it with the red button. If confirmed, the graph updates to show the desired granularity.



Apply additional filters using the grid that displays to the left of the Sheet.

Case Creation Details	
Total Cases: 2	
Total Documents: 326,987	
Name	<u>)</u>
Туре	•
Q Status	
Running	
Not Running	J

Use the arrows icon at the top right of each graph to expand it for closer examination.

Docu	iments	by Case		>	(r)
	400k				
	300k		_		
# Docs	200k				
	100k				
	0				

When a Sheet has more data points that can be displayed at once, a slider bar is shown beneath it to allow for scrolling through all of the data.



You can also use the roller ball on your mouse to scroll through data in a graph.

05. APPROVED SHEETS IN THE PORTFOLIO DASHBOARD

Each of the built-in, approved sheets has been specifically designed to answer portfolio status questions.

Status Overview

Provides a high-level look at the all of the cases in the user's portfolio, including number of documents per case, case type and run status.

- Documents by Case
- Documents by Run Status and Case
- Run Status
- Type of Case (ECA or R&A)



R&A Status:

Provides the number of documents for each R&A, with additional insight into the number of documents reviewed so far in each project.

- Documents by R&A Case
- Reviewed Documents by R&A Case
- Run Status R&A



Review Progress

Provides a breakdown of the average and number of un-reviewed vs. reviewed documents in each R&A project, as well as the number of batches in each.

- Reviewed and Un-reviewed Documents by R&A Case
- Batches by R&A Case



Production Progress

Provides a breakdown of the average and number of produced documents in each case, as well as the average and number of produced pages.

- % Produced by # Docs
- Avg. Pages per Produced Document



Case Creation Details

Overview of the number of cases created per month, and the percentage of documents reviewed and produced by month of case creation.

- # Cases by Month of Case Creation
- % Reviewed and Produced by Month of Case Creation



Details

A grid display of the case information presented graphically on the other sheets, along with the Axcelerate version information and any project description if it exists.

Details												< >
Name	Q. Status	Q. Type	a #Docs a	Creation Date Q	# Reviewed Q Docs Q	% Reviewed Q. Docs	# Batches	# Produced Q	% Produced Docs Q	# Produced Pages Q	Description	AXC Q Version Q
20150831_TEST_Review	Not Running	R&A	0	8/31/2015 11:07:24 PM	0		0	9		0		AXC5
Alderaan_1	Running	R&A	301	2/26/2014 10:30:50 AM	74	24.58	84	299	99.34	3352		AXC5
PorEng_Test2_Review	Not Running	R&A	56	8/13/2015 5:28:26 PM	θ	0.00	0	e	0.00	0		AXC5
REGRESS_TEST_Review	Not Running	R&A	6410	8/5/2015 10:01:57 PM	0	0.00	9	9	0.00	9		AXC5
SDE_TEST_DB_Review_	Running	R&A	618451	8/6/2015 1:00:18 AM	9	0.00	1991	0	0.00	0	DO NOT USE THIS DB FOR YOUR TESTING SDE ONLYIIII	AXC5
SDE_TEST_DB_Review2	Running	RBA	326686	8/19/2015 3:04:37 AM	0	0.00	0	0	0.00	0		AXC5

Help

Defines the measures and dimensions seen throughout the Portfolio Dashboard.

<
Predefined Measures
Noissuries are counts. They are calculated from expressions.
Average # Pages per Produced Doc Average number of pages of the documents produced for a case (see #Produced Pages dimension). Should usually be between 8 and 10.

06. APPROVED SHEETS IN THE EFFICIENCY SCORE DASHBOARD

Each of the built-in, approved sheets has been specifically designed to answer review efficacy questions.

Efficiency Overview

Data Reduction Summary: Funnel graph depicts reduction of data that requires eyes-on review. Starting at the wide end of the funnel, you see the total pool of documents ingested. The subsequent reduction in volume via ECA culling strategies, removal of duplicate documents in the publish process and prioritization strategies applied in the Review & Analysis project is shown as the funnel narrows. The greater the difference in the initial number of documents ingested vs. the total confirmed to the target Workflow, the more efficient the review strategy.

Efficiency of Review Effort: A bar chart that illustrates overall efficiency based on the overall confirmation rate; gives an indication of how many documents require eyes-on review to find a truly responsive one. A higher percentage means fewer documents need human review and thus indicate an efficient review strategy.

Efficiency by Prioritization Technique: This chart helps understand the overall efficiency of the review effort. Each bar represents the various strategies deployed to identify potentially relevant documents, which are added to the target Workflows in each matter and used to batch out documents.

Data Reduction Summary		Ingested: 18,922	Efficiency of Review Effort Higher confirm rates (blue bir?) indicate p	prester efficiency		Efficiency by Prioritizatio			
	-	After Culling: 37,768		Training Iteration					
						Phrase & Concept & Sm.			
						Communication Search			
			14.6%						
		Reviewed: 3,497				Communication & Keyw.			
		Confirmed: 0				Sample			
*									
			Example: 25% means that for every 100	documents reviewed, 28 responsive	documents were identified.	Phrase & Smart Filter S.			
			Example: 25% means that for every 100	documents reviewed. 28 responsive	documenta were identifical				
Desument County			Example: 25% means that for every 100-	documents reviewed, 25 responsive	documents were identified.	Phrase & Smart Filter 5 Breart Filter Search			
	Ingested	Culled	Domple: 25% means that for every 100 Removed Duplicates	documents reviewed. 26 responsive Primary	documenta werz identifikal. Review Universe		Confirmed	Pinned	q
Matter Name Q	Ingested	Culled				Bmart Filter Search	Confirmed	Pinned Yes	٩
Matter Name Q. Alderaan, 1	Ť	Culled	Removed Duplicates	Primary	Review Universe	Bmart Filter Search	Confirmed		q
Matter Name Q. Alderaan_1 Alderaan_2	Ť		Removed Duplicates	Primary .	Review Universe	Brear Filter Search Reviewed	Confirmed	Yes	٩
Document Counts Matter Name Q. Alderaan, 1 Alderaan, 7 Stoorberg, Review Einron, Culling	-		Removed Duplicates	Primary	Review Universe	Breart Filter Search Reviewed	Confirmed	Ves Yes	a

Finding Boosters

The Boost Rate is the confirmation rate of a single prioritization technique divided by the overall confirmation rate of the entire Review Workflow. Boosters, then, are prioritization strategies that yield better than average confirmation rates when compared with other techniques. The **Finding Boosters** sheet provides a graphical survey of the prioritization techniques to help Case Managers understand which techniques are more, or less, efficient.



Finding Waste

This sheet uses the Boost Rate to illustrate the general success of Review Workflow sets based on which yielded more or less confirmed documents, and how much human effort was spent reviewing them.



Efficiency Gains

An overview of efficiency gains achieved via Axcelerate features such as family, duplicate and near duplicate detection, and end-of-branch email threading detection.



Confirm Rate over Time

A daily look at the number of confirmed documents found by the review team to help identify trends in deploying effective prioritization techniques.



Help

This sheet defines various terms and concepts used throughout the Efficiency Score Dashboard.

Help		
Available Dimensions		Predefined Measures
Dimensions can be imagined as columns and allow slicing and dicing of the	AVAILABLE FOR CAPTURE RUNS	Meanures are counts. They are calculated from expressions.
data. When creating your own charts, only use dimensions that are available within the same context. That is, do not mix dimensions from "Available for	A capture run collects all nodes and derives all their values for a specific	
within the same context. That is, do not mix dimensions from "Available for Nodes", "Available for Capture Runs", "Available for All Matters" and	Matter.	# Iterations
"Available for Data Reductions".	Capture Run Date or Time	The number of Training Iterations.
	The date / time of the collection process that captured all the nodes for a	
AVAILABLE FOR NODES	Matter.	# Matters
A node is a static or dynamic collection of documents, such as a Universe,		The number of distinct Matters.
Workflow, Training Iteration, Search, Sample or Result Set.	# Matter Documents	
	The number of documents in the Matter. This count corresponds to 100%	# Result Sets
Accelerator Score	for all the percentage values below.	The number of Result Sets that belong to a specific Search.
Within a Universe, the confirm rate of the node divided by the confirm rate of the default Sample with the same Target Review State as the node.	a Developera Contrast	# Samples
Indicates how well a node is performing compared to similar Samples.	# Duplicate Groups The number of duplicate groups, Each two documents with the same hash-	# Samples The number of distinct Samples. The default Sample that occurs in every
Indicates now well a node is performing compared to similar bamples.	code belong to one group.	Workflow will be counted only once.
Boost Rate	code density to one groups	the block will be exercise billy briefs
Within a Universe, the confirm rate of the node divided by the confirm rate of	# or % Detected Duplicates	# Searches
the Workflow with the same Target Review State as the node. Indicates	The number / percentage of duplicated documents. Four documents in a	The number of Searches.
how well a node is performing compared to similar Workflows.	duplicate group will be counted as three detected duplicates and the one	
	that remains. A duplicated document (e.g., email attachment) will get	# Sets
Confirmed Documents	similar importance in each email.	The number of Result Sets, Samples and Training Iterations
The number of reviewed documents that are tagged to the Tagging Value of the Workflow. Only available when a Target Review State is defined for the	# or % Unique Documents	Weighted Confirm Rate
the workflow. Unly available when a larget Review State is defined for the Workflow.	# or & Unique Documents The number / percentage of unique documents. Any document that doesn't	The mean of the Confirm Rate across the selected sets. Computed as the
PEOKIDW.	have a duplicate counts as unique, and each duplicate group counts as one	sum of all confirmed documents divided by the number of all reviewed
Creation Time	unique document.	documents.
The date and time of creation of the node.		
	# Near Duplicate Groups	Weighted Boost Rate
Creator	Same as # Duplicate Groups, but for Near Duplicates.	The mean of the Boost Rate across the selected sets. The number of
The user that created the node.		reviewed documents is used as the weight. As a result, the Boost Rate for
 Advantage of the second se	# or % Detected Near Duplicates	document sets with a high number of reviewed documents has a larger
Documents The number of documents in the node.	Same as # or % Detected Duplicates, but for Near Duplicates.	impact on the weighted average.
The number of documents in the node.	# or % Documents without Near Duplicate	Weighted Accelerator Score
Is Default	The number / percentage of documents that have no near duplicate in the	The mean of the Accelerator Score across the selected sets. The number
Flag whether the node is a default node (e.g., a default Workflow or default	Matter.	
Samuela)		Vesex 181

07. CREATE BOOKMARKS

Bookmarks are saved filters that allow you jump you to quickly jump to a customized point-of-view. You can create an unlimited number of Bookmarks to achieve reporting specificity.

Start with any Sheet and add one or more filters that define what you're looking for. For example, you may want to use the Status Overview Sheet to see information on just two or three of your projects. Once you've refined the approved Sheet to display that information, click **Create Bookmark** to set up the filter. Add a descriptive **Title** to help you remember the significance of the bookmark.

	k	Edit	R&A Status
Bookmarks		7	Create new bookmark
QI			
My bookmarks			
R&A Status - Name (6)			09/02/2015 🊯

08. CREATE A CUSTOM SHEET

You can easily create a custom Sheet that combines any of the dimensions and measures from the approved Sheets.

Access the main **Sheet menu**, and click the **Create** button. Give your new Sheet a descriptive name when prompted.

Sheets		Create new sheet
Batch Summary	Tagging History and Act	Type of Work
✓ My sheets		
M	hhh	¢
Demo Custom Sheet	My new sheet	Create new sheet
Title Awesome Custom Shee Rescription	t	

Click anywhere to generate the new Sheet. An icon representing your custom Sheet will appear in the **My Sheets category** of the Sheet list. Click on the icon to open the new sheet.

▼ My sheets		
M	lihli	¢
Demo Custom Sheet	Awesome Custom Sheet	Greate new sheet

Next, click the **Edit** button to get started building the content.

Ø▼ 🗄 ▼ Enron_OAT_Testing_Review (axcelerate.Enron 🖗 🔯 🗗 🕽 🧟 Carton Awesome Custom Sheet
KI II II No selections applied
Awesome Custom Sheet
The sheet is empty
Click ᢞ at the top right, to start editing your sheet and create visualizations.

The **Library Panel** opens on the left of the page. It contains several categories of elements that you can insert into your Sheet. Drag them onto the canvas as desired, and repeat until the Sheet looks the way you want it.



Start by choosing the Chart type (e.g., bar, pie, line) from the **Charts** category. Once you drag it to your Sheet, you can then add a title and drag-and-drop measures and dimensions into the indicated slots to define the parameters of your custom chart.



The element you are editing is outlined in orange, with handles that you can use to resize it. You can also drag and drop elements within the canvas if you wish to rearrange them.



When a chart is in edit mode, a new panel appears at right that offers options for editing that particular element. A number of choices are available to define how the data is presented.

	Sheet of Awesomeness	
<	•	× .
	Dimensions	
	Measures	
	Sorting	
	Appearance	
	▶ General	
	► Presentation	
	Colors and legend	
		-

For any new element you add to your custom sheet, you can right-click on it to see options to **Delete**, **Copy** or **Cut** from your custom Sheet.

09. CREATE A STORY

Use Stories to collect snapshots of information that narrate a business case relevant to your project, much like you would build a presentation that illustrates a complex idea.

Begin building a Story by navigating to a target Sheet, and clicking the **Snapshot** button located in the main toolbar. A dotted line appears around each displayed element within the current Sheet.



Once you see the dotted lines, click on any element you'd like to snapshot. A camera icon appears in the top right corner of each element once its picture has been saved.



Snapshots of graphs are automatically named by their titles within the Sheet, and the timestamp of the capture is recorded. You may customize the names of your snapshots by clicking on the camera icon, then the edit icon.



Now that you've collected your snapshots, they are saved to the **Snapshot Library**. Begin building your presentation by clicking the **Stories icon** > **Create New Story**.



Give your Story a descriptive name and click to save it. Once you see the icon for your new Story, click it to begin adding content.



The blank canvas of your Story displays. Notice the icons to the right that open the **Snapshot Library**, and allow you to add text, shapes or images to your Story.

Ø ▼ Ξ ▼ Port	folio Dashboard 🚯	My Presentation to the Board 📮 🗍 🔻 🛄 🔻
	My Presentation to the Board	A
1		

As with Sheet creation, use these tools to select elements and then drag them onto the canvas. The orange border appears when an element is in edit mode. Pull the handles to re-size. Drag and drop to rearrange elements.



An edit icon is also available for each element you've placed in your Story.



Click to see the edit options available. The options vary depending on the kind of element you have added, e.g., a snapshot or a title or block of text.



A thumbnail view of your Story displays at left, and a button at the bottom of the panel allows you to add blank new slides to the Story.



You can also choose to embed entire Sheets as one slide.



You can present your Story directly from the platform. Click the green button above the thumbnails to enter presentation mode.



10. SHARING SHEETS AND STORIES

Any custom Sheets or Stories you create are stored in the **My Sheets/Stories** category of their respective main menus. Your custom Sheets and Stories are not shared with other project users until you right-click on them from this page, and select **Publish**.

	m			
	Documents	Batch Summary	Tagging History and Act	Type of Work
e	R	• ai -	0 54	A A A
Logi	n Logout	Login Logout	Publish	Get Started (1)
-	nl	A 5 5	Duplicate Delete	ս
-1	ul	ы		

Once you publish a Sheet or Story, it moves from the **My Sheets/Stories** category to a category called **Published by Me**. Other users will see it in a community category. Any other user can view your published work, but it cannot be edited once published.

If you want to un-share your Sheet, right-click on it and select **Un-Publish**. Only the owner of a Sheet can publish and un-publish a Sheet. Once you've unpublished a Sheet, you can edit it once again.

Sto	ories	
•	Published by me	
	Unpublish	
My	Duplicate	
-	Mystories	

11. PINNING TOOL

The **Pinning** tool is unique to the **Efficiency Score Dashboard**. Within specific projects, access **Settings page > BI tab** to pin or un-pin a matter for display in the **Efficiency Score Dashboard**. You may want to un-pin less illustrative or inactive projects so they do not skew the results in the dashboard.

CaseMap	Time Zone	[UTC-00:00]	Ŧ
в	Ignore Daylight Saving Time	۲	
	Pinned for Efficiency Dashboard		
	Changes will take effect upon the nex	t data load into Business Intelligend	7e

On the **Efficiency Score Dashboard** landing page, click the **Pinned** column in the **Document Counts** chart to apply a filter for the pinned projects only. The filter will stick throughout your session unless you actively remove it.



Information in the Efficiency Score Dashboard is updated on a weekly basis.

12. EXPORT

Right-click on an individual chart, or visualization, for options to export it to PDF or an image file. You can also export the underlying data in .csv format for simple charts.



A dialog box is presented to allow for customization of the export. The options offered depend on whether PDF or image output is specified.

Paper size		
A4 (11.7° x 8.275') *		
Resolution (dots per inch)		
- 200	•	
Orientation Portrait Landscape		
Aspect ratio options		
🔘 Keep current size		
Fit to page		

Current Custom	
783 x 444 px @ 96 dpi	
Type of file	
Png 🔻	

Entire sheets can be exported to PDF format. Simply click the menu button in the **Dashboard** header and select **Export sheet to PDF.**

Ø ▼ (Ξ ▼) roductivity Dash pard (axed	elerate	tte.alderaan_review_v3) 3	
Publish sheet			
Export sheet to PDF			
Duplicate sheet		Tagging by Field	
Delete sheet		10 10 7.5 - 6 6 6	
Help	9	5	3
About		2.5	3
		0	

13. HELP

For additional detail on topics such as designing your custom sheets and stories, access the <u>Qlik Sense</u> <u>documentation topics</u> via the Help link within the dashboard interface.

Dashboard	
Øv Ev Enron_9	Demo (axcelerate.AXV
(Help	5
About	