

ATTACK SURFACE REDUCTION DASHBOARD USER GUIDE

IBM GUARDIUM DISCOVER AND CLASSIFY

VERSION 4.2.2

TABLE OF CONTENTS

Table of Contents	2
Overview	3
Sensitive Files by Age	3
Sensitive Files Last Modified Period	4
Top 10 Data Sources	4
Files with Data Elements by Age	5
Files with Data Elements by Modification Date	5
Regulation status	6

OVERVIEW

The Attack Surface Reduction Dashboard (**IGDC platform > Data Security > Attack Surface Reduction**) assists you in evaluating the number and age of files containing sensitive data in order to minimize the attack surface.

Table 1: Attack surface dashboard elements

ELEMENT	DESCRIPTION
Sensitive files by age	Visualizes the number of files containing sensitive and personal data.
Sensitive files by last modified period	Visualizes the number of files containing sensitive and personal data by the last file modification date.
Top 10 data sources	Shows top 10 data source products containing for two data types: sensitive (left pane) and personal (right pane) .
Files with data elements by age	Visualizes the number of files containing specific data elements by file last modification date.
Files with data elements by modification date	Visualizes the number of files containing specific data elements by file age .
Regulation status	Visualizes up to 9 regulations that are most frequently assigned to the files.

At the top of the page, you can see sensitive data insights with recommendations based on your files statistics.

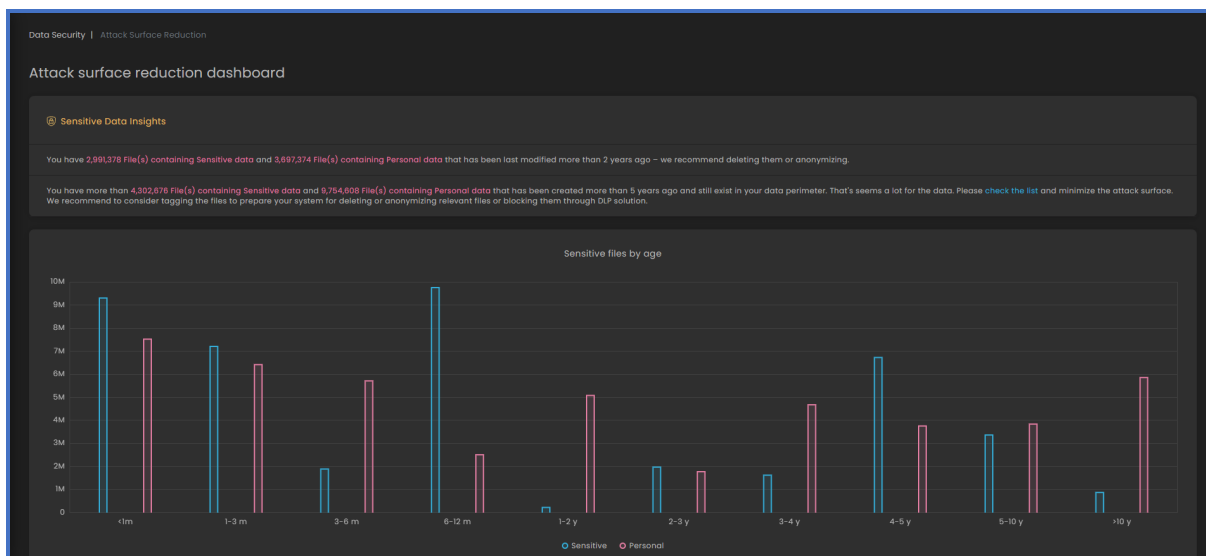


Figure 2: Attack surface reduction dashboard

SENSITIVE FILES BY AGE

The graph visualizes the number of files containing sensitive and personal data by file age. It is divided into 10 segments representing the file age: from <1m to >10y. Each segment contains two columns that show the number files for the data type: sensitive (blue) and personal (pink). The type of data is defined in the Data Element Configurator (CM UI > Settings > Data Recognition > Data Element Configuration) by assigning a sensitive/sensitive personal type to the appropriate data element.

Hover over a graph column to see the number of files of the relevant data type in selected time period. Click the desired column to go to the file search page with already configured search criteria.

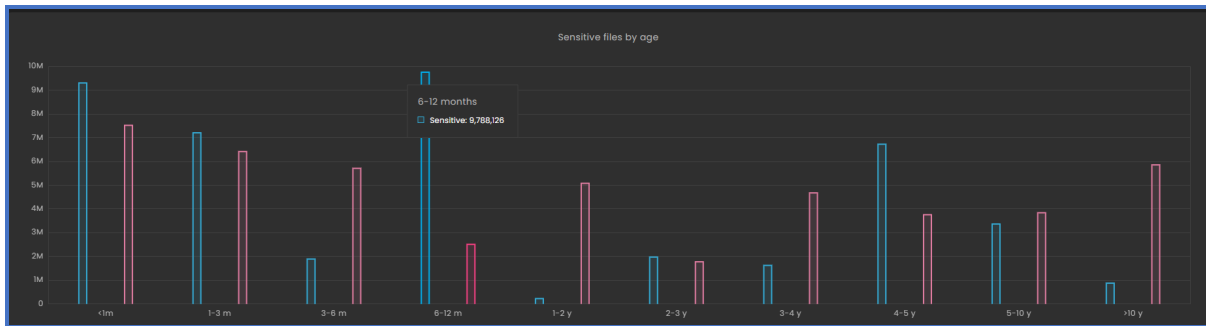


Figure 3: Sensitive files by age

SENSITIVE FILES LAST MODIFIED PERIOD

The graph visualizes the number of files containing sensitive and personal data by the last file modification date. It is divided into 10 segments representing the date of last file modification: from <1m to >10y. Each segment contains two columns that show the number files for the data type: sensitive (blue) and personal (pink). The type of data is defined in the Data Element Configurator (CM UI > Settings > Data Recognition > Data Element Configuration) by assigning a sensitive/sensitive personal type to the appropriate data element.

Hover over a graph column to see the number of files of the relevant data type in the selected time period. Click the desired column to go to the file search page with already configured search criteria.

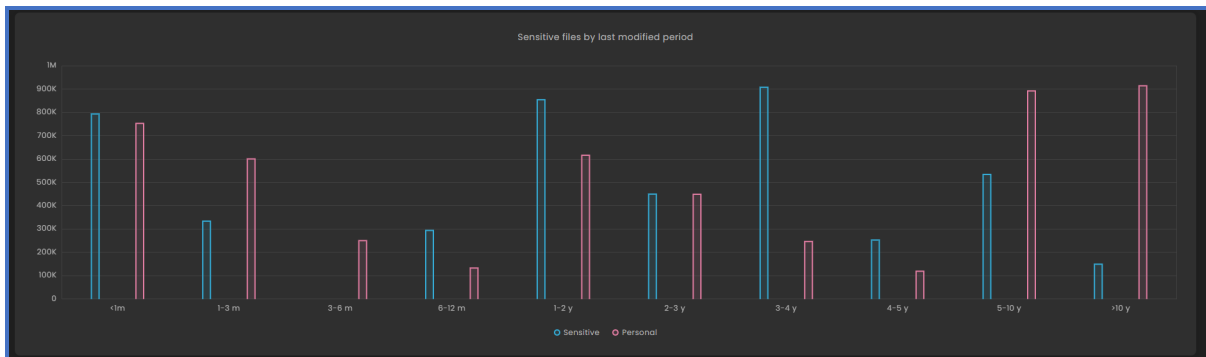


Figure 4: Sensitive files last modified period

TOP 10 DATA SOURCES

The pane shows top 10 data source products containing for two data types: sensitive (left pane) and personal (right pane). The type of data is defined in the Data Element Configurator (CM UI > Settings > Data Recognition > Data Element Configuration) by assigning a sensitive/sensitive personal type to the appropriate data element.

Hover over a segment to see the number of files of the relevant data source product. Click the desired column to go to the file search page with already configured search criteria.



Figure 5: Top 10 data sources pane

FILES WITH DATA ELEMENTS BY AGE

The graph visualizes the number of files containing specific data elements by file age. It is divided into 10 segments representing the file age: from <1m to >10y. Each segment contains multiple columns that show the number files containing a specific data element. You can click the  (Filter) icon to configure the data elements shown on the graph.

Hover over a graph column to see the number of files with the relevant data element in selected time period. Click the desired column to go to the file search page with already configured search criteria.

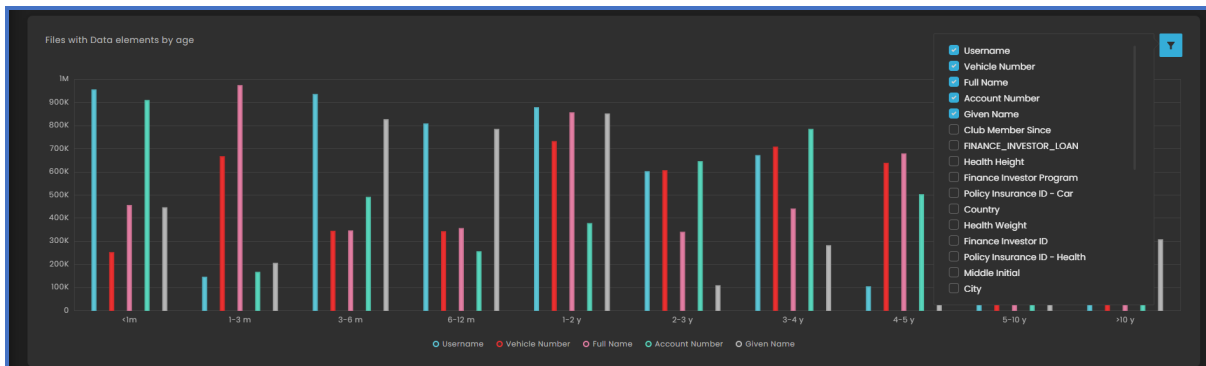


Figure 6: Files with data elements by age

FILES WITH DATA ELEMENTS BY MODIFICATION DATE

The graph visualizes the number of files containing specific data elements by file last modification date. It is divided into 10 segments representing the last file modification: from <1m to >10y. Each segment contains multiple columns that show the number files containing a specific data element. You can click the  (Filter) icon to configure the data elements shown on the graph.

Hover over a graph column to see the number of files with the relevant data element in selected time period. Click the desired column to go to the file search page with already configured search criteria.

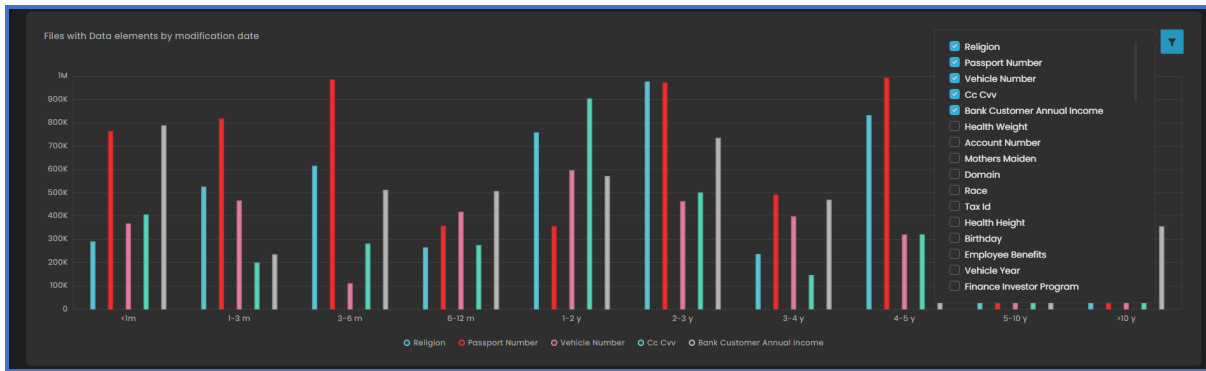


Figure 7: Files with data elements by modification date

REGULATION STATUS

The regulation status widget visualizes up to 9 regulations that are most frequently assigned to the files classified by IGDC, and other regulations are grouped under the Other segment.

The widget counts only the files where IGDC has discovered and classified sensitive and/or personal data. In IGDC, the regulations are configured on a data category level and are then assigned to the data source along with the linked data category.

Hover over the desired segment to see the number of files associated with this regulation in the center of the widget. As a file source can be associated with multiple regulations, it will be included in several segments of the pie chart. Therefore, the number of files in this widget can exceed the total number of files with sensitive data.

Click the desired column to go to the file search page with already configured search criteria.

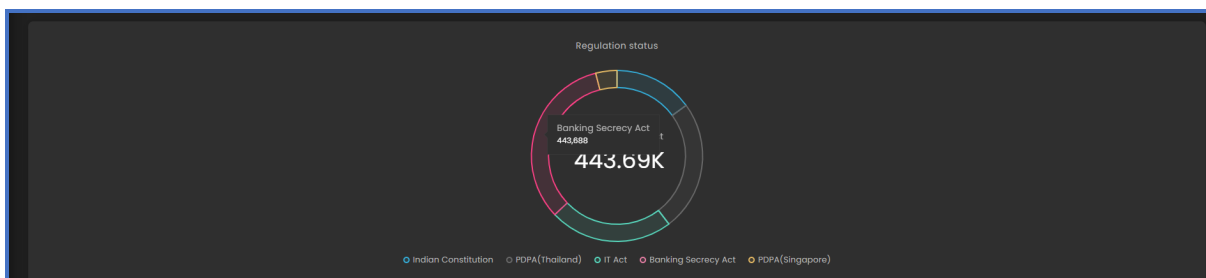


Figure 8: Regulation status widget

IBM, the IBM logo, and IBM Guardium Discover and Classify are trademarks or registered trademarks of International Business Machines Corporation, in the United States and/or other countries. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on ibm.com/trademark.