

## Integration of IBM Security Guardium Analyzer and Informatica Enterprise Data Catalog

Information Asset has developed a solution to transfer metadata on a uni-directional basis between IBM Security Guardium Analyzer and Informatica Enterprise Data Catalog. The metadata is linked to actual catalog columns in Informatica EDC.

### Informatica Enterprise Data Catalog (EDC)

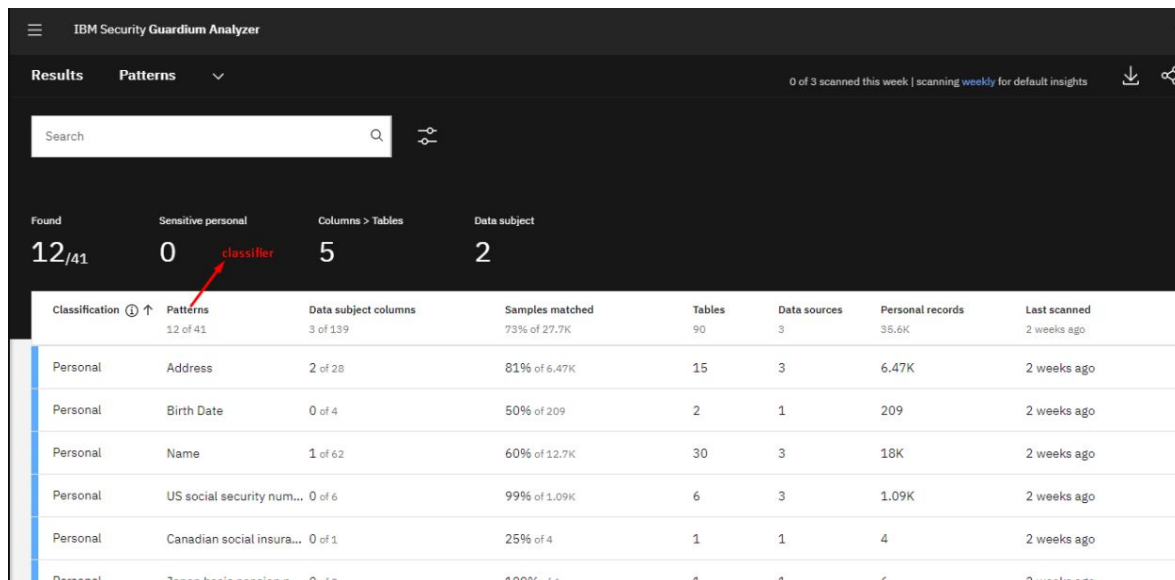
Informatica Enterprise Data Catalog provides data analysts and IT users with powerful semantic search and dynamic facets to filter search results, data lineage, profiling statistics, holistic relationship views, data similarity recommendations and an integrated business glossary.

### IBM Security Guardium Analyzer

IBM Security Guardium Analyzer easily allows a user to discover and classify data sources based on GDPR requirements.

Guardium holds Classifiers or Rules which are applied to database columns coming from different data sources (see Figure 1).

Figure 1 - Shows the details of Classifier Patterns in IBM Guardium Analyzer.



The screenshot displays the IBM Security Guardium Analyzer interface. At the top, there is a search bar and a navigation menu. Below the search bar, there are several filters and statistics: Found (12/41), Sensitive personal (0), Columns > Tables (5), and Data subject (2). A red arrow points to the word 'classifier' in the Sensitive personal section. Below these statistics is a table with the following columns: Classification, Patterns, Data subject columns, Samples matched, Tables, Data sources, Personal records, and Last scanned. The table lists several classifier patterns, including Personal Address, Personal Birth Date, Personal Name, Personal US social security num..., Personal Canadian social insura..., and Personal Basic personal...

Classification	Patterns	Data subject columns	Samples matched	Tables	Data sources	Personal records	Last scanned
Personal	Address	2 of 28	81% of 6.47K	15	3	6.47K	2 weeks ago
Personal	Birth Date	0 of 4	50% of 209	2	1	209	2 weeks ago
Personal	Name	1 of 62	60% of 12.7K	30	3	18K	2 weeks ago
Personal	US social security num...	0 of 6	99% of 1.09K	6	3	1.09K	2 weeks ago
Personal	Canadian social insura...	0 of 1	25% of 4	1	1	4	2 weeks ago
Personal	Basic personal...	0 of 1	100% of 4	1	1	4	2 weeks ago

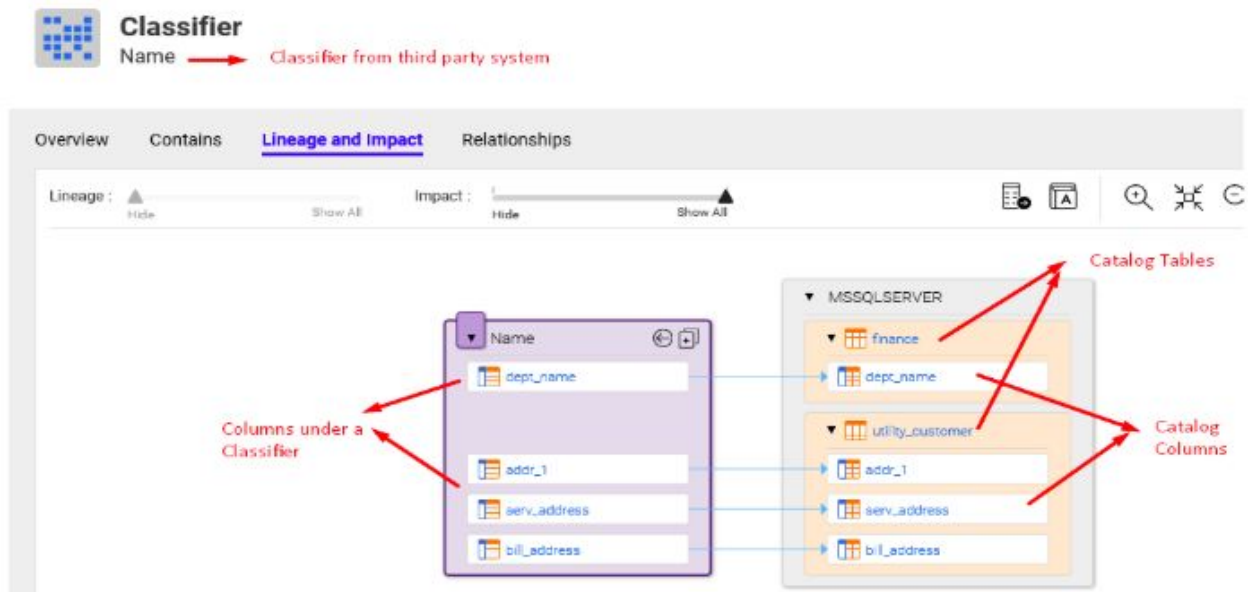
Figure 2 shows detected email addresses in Guardium Analyzer by Patterns.

Data subject ⓘ	Schema.Table.Column	Samples matched ↑	Personal records	Data sources	DBA name	Last scanned
	dbo.finance.dept_name	100% of 6	6	Demo_SQL_Database	Jyoti Rathod	2 months ago
☆	dbo.utility_customer.name	100% of 4	4	Demo_SQL_Database	Jyoti Rathod	2 months ago
	dbo.patient.resp_prtly	100% of 3	3	Demo_SQL_Database	Jyoti Rathod	2 months ago
	dbo.patient.last_name	100% of 3	3	Demo_SQL_Database	Jyoti Rathod	2 months ago
	dbo.patient.first_name	100% of 3	3	Demo_SQL_Database	Jyoti Rathod	2 months ago
	dbo.patient.em_contact	100% of 3	3	Demo_SQL_Database	Jyoti Rathod	2 months ago

Informatica EDC holds catalog objects like schemas, tables, columns etc from different data sources as shown in Figure 3.

The Guardium to EDC integration provides the ability to bring Guardium Classifier metadata into EDC and link it to actual catalog columns. Lineage can also be established between the Catalog column and the Guardium column.

Figure 3 shows, Classifier Column Information (Pattern) imported from IBM Guardium, and detected Columns while analysis from databases.



## About Information Asset

Information Asset has a market-leading Data Governance Practice that covers data stewardship, data quality, and metadata management across multiple industries. You can find a complete listing of Information Asset's capabilities built for [Informatica here](#).

## Next Steps

To learn more about this solution, please request a demo by contacting [sales@information-asset.com](mailto:sales@information-asset.com) or visit our website at [www.information-asset.com](http://www.information-asset.com)

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