

# ANALYSIS OF AI-BASED FUNCTIONALITIES IN DATA CATALOG TOOLS

This document provides the 37 tools that were retrieved during the systematic search of our paper “A Survey of Data Catalog Tools” (<DOI will be inserted here>) and that mention to use AI-based functionalities.

For each tool, it is marked whether it provides an AI-based functionality (✅ in the respective category) or not (❌). There are also tools for which no detailed information could be found.

The table below is sorted in ascending order by tool name.

Tool name	Vendor / Developer	URL	No detailed information	Analysis	Business metadata generation	Cataloging	Data discovery	Governance	Lineage	Search	Suggestions
Alation Data Catalog	Alation	<a href="https://www.alation.com/">https://www.alation.com/</a>	❌	✅	❌	❌	❌	✅	✅	❌	❌
Amundsen Data Catalog	Amundsen	<a href="https://www.amundsen.io/">https://www.amundsen.io/</a>	✅	❌	❌	❌	❌	❌	❌	❌	❌
Anjana Data	Anjana Data	<a href="https://anjanadata.com/en/">https://anjanadata.com/en/</a>	❌	❌	✅	❌	✅	❌	❌	❌	❌
Arena	Zaloni	<a href="https://www.zaloni.com/arena-overview/">https://www.zaloni.com/arena-overview/</a>	❌	❌	❌	❌	✅	❌	❌	❌	❌
Ataccama ONE	Ataccama	<a href="https://www.ataccama.com/platform">https://www.ataccama.com/platform</a>	❌	❌	❌	❌	❌	❌	❌	❌	✅
Atlan Data Discovery & Catalog	Atlan	<a href="https://atlan.com/data-discovery-catalog/">https://atlan.com/data-discovery-catalog/</a>	❌	❌	❌	✅	✅	❌	❌	❌	❌
AWS Glue Data Catalog	AWS	<a href="https://docs.aws.amazon.com/glue/latest/dg/what-is-glue.html">https://docs.aws.amazon.com/glue/latest/dg/what-is-glue.html</a>	❌	❌	✅	❌	❌	❌	❌	❌	❌
BigID Data Intelligence Platform	BigID	<a href="https://bigid.com/data-intelligence-platform/">https://bigid.com/data-intelligence-platform/</a>	❌	✅	❌	✅	❌	❌	❌	❌	❌
Boomi Data Catalog & Preperation	Boomi	<a href="https://boomi.com/platform/data-catalog-and-preparation/">https://boomi.com/platform/data-catalog-and-preparation/</a>	❌	❌	❌	✅	✅	❌	❌	❌	❌
Castor Data Catalog	Castor	<a href="https://www.castordoc.com/product/data-catalog">https://www.castordoc.com/product/data-catalog</a>	❌	❌	✅	❌	❌	❌	❌	❌	❌
Collibra Catalog	Collibra	<a href="https://www.collibra.com/us/en/products/data-catalog">https://www.collibra.com/us/en/products/data-catalog</a>	❌	❌	❌	✅	❌	❌	✅	❌	❌
Data Integrity Suite	Precisely	<a href="https://www.precisely.com/de/product/data-integrity/precisely-data-integrity-suite">https://www.precisely.com/de/product/data-integrity/precisely-data-integrity-suite</a>	✅	❌	❌	❌	❌	❌	❌	❌	❌
Data X-Ray	Ohalo	<a href="https://www.ohalo.co/platform">https://www.ohalo.co/platform</a>	❌	❌	✅	✅	❌	❌	❌	❌	❌
data.world Data Catalog	data.world	<a href="https://data.world/">https://data.world/</a>	❌	❌	❌	❌	❌	❌	❌	✅	❌
DataGalaxy	DataGalaxy	<a href="https://www.datagalaxy.com/">https://www.datagalaxy.com/</a>	❌	❌	❌	❌	❌	❌	❌	❌	✅
Datameer Cloud	Datameer	<a href="https://www.datameer.com/">https://www.datameer.com/</a>	❌	✅	❌	❌	❌	❌	❌	❌	❌
dataspot. Data Catalog	dataspot.	<a href="https://dataspot.at/">https://dataspot.at/</a>	❌	❌	❌	❌	❌	❌	❌	✅	❌
Decube	Decube Data	<a href="https://www.decube.io/">https://www.decube.io/</a>	❌	❌	❌	❌	✅	❌	❌	❌	❌
DvSum	DvSum	<a href="https://dvsum.ai/">https://dvsum.ai/</a>	❌	❌	❌	✅	❌	❌	❌	❌	✅
Enterprise Data Catalog	Informatica	<a href="https://www.informatica.com/de/products/data-catalog/enterprise-data-catalog.html">https://www.informatica.com/de/products/data-catalog/enterprise-data-catalog.html</a>	❌	❌	✅	❌	❌	❌	❌	❌	❌
erwin Data Intelligence	Quest	<a href="https://www.erwin.com/de-de/products/erwin-data-intelligence/">https://www.erwin.com/de-de/products/erwin-data-intelligence/</a>	✅	❌	❌	❌	❌	❌	❌	❌	❌
IBM Knowledge Data Catalog	IBM	<a href="https://www.ibm.com/cloud/watson-knowledge-catalog">https://www.ibm.com/cloud/watson-knowledge-catalog</a>	❌	❌	✅	❌	❌	❌	❌	❌	❌

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Metaphor Data Catalog	Metaphor	<a href="https://metaphor.io/">https://metaphor.io/</a>	✗	✗	✗	✗	✓	✗	✗	✗	✗
Octopai	Octopai	<a href="https://www.octopai.com/">https://www.octopai.com/</a>	✗	✓	✗	✗	✗	✗	✗	✗	✗
OneTrust Data Governance	OneTrust	<a href="https://www.onetrust.com/solutions/data-governance/">https://www.onetrust.com/solutions/data-governance/</a>	✗	✗	✓	✓	✗	✗	✗	✗	✗
Oracle Cloud Infrastructure Data Catalog	Oracle	<a href="https://www.oracle.com/big-data/data-catalog/">https://www.oracle.com/big-data/data-catalog/</a>	✗	✗	✓	✗	✗	✗	✗	✗	✗
Oracle Enterprise Metadata Management	Oracle	<a href="https://www.oracle.com/middleware/technologies/enterprise-metadata-management.html">https://www.oracle.com/middleware/technologies/enterprise-metadata-management.html</a>	✗	✗	✓	✗	✓	✗	✗	✗	✗
Orion Enterprise Information Intelligence Graph (EIIG)	Orion Governance	<a href="https://www.oriongovernance.com/orion-platform/">https://www.oriongovernance.com/orion-platform/</a>	✗	✗	✓	✗	✗	✗	✗	✗	✗
OvalEdge Data Catalog	OvalEdge	<a href="https://www.ovaledge.com/data-catalog">https://www.ovaledge.com/data-catalog</a>	✗	✗	✗	✗	✗	✗	✓	✗	✓
Pentaho Data Catalog	Hitachi Vantara	<a href="https://www.hitachivantara.com/en-us/products/dataops-software/data-catalog.html">https://www.hitachivantara.com/en-us/products/dataops-software/data-catalog.html</a>	✗	✗	✗	✓	✓	✗	✗	✗	✗
Promethium	Promethium	<a href="https://www.promethium.ai/metadata-data-catalog">https://www.promethium.ai/metadata-data-catalog</a>	✗	✓	✗	✗	✗	✗	✗	✗	✗
Secoda Data Catalog	Secoda	<a href="https://www.secoda.co/data-catalog">https://www.secoda.co/data-catalog</a>	✗	✗	✗	✗	✗	✗	✗	✓	✗
Select Star Data Catalog	Select Star	<a href="https://www.selectstar.com/">https://www.selectstar.com/</a>	✗	✗	✓	✗	✗	✗	✗	✗	✗
Siffler	Siffler	<a href="https://www.sifflerdata.com/">https://www.sifflerdata.com/</a>	✗	✗	✗	✗	✗	✗	✗	✗	✓
Talend Data Catalog	Talend	<a href="https://www.talend.com/products/data-catalog/">https://www.talend.com/products/data-catalog/</a>	✗	✗	✗	✗	✓	✗	✗	✗	✗
Tibco Cloud Metadata	Tibco	<a href="https://www.tibco.com/products/tibco-cloud-metadata">https://www.tibco.com/products/tibco-cloud-metadata</a>	✗	✗	✗	✓	✗	✗	✓	✗	✗
Zeenea Data Catalog	Zeenea	<a href="https://zeenea.com/de/daten-katalog/">https://zeenea.com/de/daten-katalog/</a>	✓	✗	✗	✗	✗	✗	✗	✗	✗