Data and analytics agents on Katonic: the list

35 agents across nine areas, for analysts, data engineers, data scientists and the data office

A data department's work runs through its warehouse or lakehouse, its reporting tool, its pipelines and their scheduler, its data catalogue, its quality checks, its model registry, and its own definitions, standards and policies. Every agent reaches them in one of four ways, all through the same tool gateway and the same approval rules:

	HOW EACH AGENT CONNECTS
01	**A file the user uploads** in the conversation: an extract, a spreadsheet, a report, a query, a failed run's log, a data sharing agreement.
02	**A knowledge source.** Metric definitions, the business glossary, data standards, table documentation, past analyses and the data policies are indexed in the Knowledge Engine, with each reader's permissions kept.
03	**A database connection or an imported API.** The agent queries the warehouse through a connection that can only read, with the permissions of the person asking. For other systems the organisation gives Katonic the description of an API it already runs, and the operations it chooses become tools. This is the route to the scheduler, the catalogue, the reporting tool and the model registry.
04	**An MCP server from the catalogue,** deployed inside the organisation's own cluster. This is the route to tickets, code repositories and chat channels.

System names are left out on purpose. The organisation supplies the address and the sign-in. Nothing here is a tested integration with a named product.

THE NINE AREAS

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AREA 01

Questions and analysis

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Data Analyst Agent	Answers a question in plain language from the warehouse: writes the query, runs it, and returns the answer with the query and the tables it read	The warehouse through a read-only connection, with the asker's permissions; definitions as a knowledge source	The person asking sees the query with the answer. A figure that goes into a report or a decision is checked by an analyst first
Analysis Check Agent	Checks a figure before it is used: recomputes it a second way, compares it with the totals on record, and lists what does not agree and what it could not check	The query or the spreadsheet behind the figure; the warehouse, read only; the definitions	The analyst decides whether the figure stands. The agent approves nothing
Analysis Request Intake Agent	Turns a request for analysis into a clear brief: the question, the definitions that apply, the period, the data needed, and whether a past analysis already answers it	The request; past analyses and definitions as a knowledge source	The analytics lead accepts the brief and assigns it
Analysis Write-up Draft Agent	Drafts the write-up of a finished analysis: the question, the method, the result, the limits, with each figure tied to its query	The analyst's queries, results and notes	The analyst corrects it and signs the write-up

AREA 02

Reports and dashboards

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Report Commentary Draft Agent	Drafts the commentary for a regular report: what moved since last period and by how much, from the figures in the report, with nothing asserted about causes that the data does not show	The report's figures and last period's report	The report owner edits and issues the commentary
Report Reconciliation Agent	Compares the same figure in two reports and traces each back to its query, its filters and its period, to show where they part	The two reports' definitions and queries through an imported API; the warehouse, read only	The report owners agree which is right
Report Request Triage Agent	For a request for a new report, lists existing reports that already carry the figures asked for	The report catalogue through an imported API; the request	The reporting lead decides whether to build, change or point to an existing report
Report Usage Review Agent	Lists reports nobody has opened in a period, and reports that duplicate each other, as input to a clean-up	The reporting tool's usage records through an imported API	The reporting lead and the owners decide what to retire

AREA 03

Metrics and definitions

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Metric Definition Lookup Agent	Answers “how do we define this?” from the approved definitions, with the owner, the formula and the date it was approved	The business glossary and metric definitions as a knowledge source	It quotes the definition. It does not interpret where the definition is silent, and says so
Metric Difference Explanation Agent	When two teams report different numbers under one name, sets the two calculations side by side and shows which filters, periods or joins differ	The two queries or report definitions; the approved definition	The metric owner decides which calculation is right and whether the definition must change
Metric Definition Draft Agent	Drafts a definition for a new metric in the organisation’s format: the formula, the source tables, the exclusions, the owner, and open questions	The request, similar approved definitions, and the tables named	The metric owner and the data governance group approve the definition
Glossary Gap Agent	Lists terms used in reports that have no approved definition, or more than one	Report titles and field names through an imported API; the glossary	The data governance lead assigns owners

AREA 04

Data quality

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Data Quality Check Summary Agent	Summarises the results of the quality checks on a run: which failed, on which tables, how many rows, since when, and which reports read those tables	The check results as a file or through an imported API; the lineage record	The data owner decides whether the data may be used and who fixes it. The agent corrects no data
Data Quality Rule Draft Agent	Drafts quality checks for a table from its documentation and a profile of its columns: ranges, missing values, duplicates, keys that must match	The table’s documentation and a column profile from the warehouse, read only	A data engineer reviews each check and puts it into service
Data Issue Triage Agent	For a reported data problem, gathers what is needed to judge it: the table, the last load, recent changes to the pipeline, earlier issues on the same table	The issue; the scheduler and the code repository, read only	The data owner sets the priority and assigns the fix
Reference Data Mismatch Agent	Compares a reference list held in two systems, such as products, branches or cost centres, and lists entries that differ or are missing	Two extracts as files, or two systems through imported APIs, read only	The owner of the list decides which entry is right. The agent changes neither system

AREA 05

Pipelines

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Pipeline Failure Summary Agent	For a failed run, reads the log, names the step that failed and the error, lists what changed since the last good run, and lists the tables and reports that are now late	The run log and the scheduler through an imported API, read only; the code repository; the lineage record	A data engineer finds the cause, fixes it and reruns. The agent reruns nothing
Change Impact Agent	Before a table or a column is changed, lists the pipelines, reports and models that read it, with their owners	The lineage record and the catalogue through imported APIs	The engineer making the change tells the owners and decides how to proceed
Transformation Review Preparation Agent	Prepares a code change to a transformation for its reviewer: what the change does in plain words, which tables it touches, which tests cover it and which do not	The change in the code repository; the tests	A named engineer reviews and approves the change
Schema Change Notice Draft Agent	Drafts the notice to the people affected by a planned change to a table: what changes, when, and what they need to do	The change record and the impact list	The engineer approves and sends the notice

AREA 06

Catalogue and documentation

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Table Documentation Draft Agent	Drafts the description of a table and each of its columns from the code that builds it, a profile of its contents and the documents on record, and marks every line it could not confirm	The transformation code; a column profile from the warehouse, read only; existing documentation	The table's owner corrects and approves the description before it goes into the catalogue
Data Finder Agent	Answers "where do we hold this?" from the catalogue: the tables that hold it, their owners, how fresh they are and who may use them	The catalogue as a knowledge source or through an imported API	It points to the data. Access is asked for through the usual process
Lineage Summary Agent	Explains in plain words where a figure in a report comes from: each table and each step back to the source system	The lineage record through an imported API; the transformation code	The data owner confirms the summary before it is given to an auditor or a regulator
Documentation Gap Agent	Lists tables in use that have no owner, no description or no review in the period the standard sets	The catalogue through an imported API; usage records	The data governance lead assigns owners

AREA 07

Access and privacy

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Data Access Request Preparation Agent	Prepares a request for access to data for its approver: what is asked for, the stated purpose, what the policy requires for data of that class, and what the person already holds	The request; the data policy and the classification as a knowledge source; the access records, read only	The data owner approves or refuses. An administrator grants the access
Personal Data Field Check Agent	For a new table or a new feed, lists the columns that look like personal data from their names and a sample, as input to classification	The table's structure and a sample from the warehouse, read only	The data protection lead classifies the table
Access Review Preparation Agent	Prepares the periodic review of who can read sensitive data: the people, their roles, when they last used the access, and those who have moved or left	The access records and the staff directory, read only	Each data owner confirms or removes access
Data Sharing Check Agent	Sets a planned transfer of data to another organisation or another country beside the agreement and the policy: what may be shared, for what purpose, and what the plan includes that the agreement does not	The agreement and the policy as files or knowledge sources; the description of the extract	The data protection officer and the data owner decide. The agent sends nothing

AREA 08

Models

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Model Record Draft Agent	Drafts the record of a model in the organisation's format: its purpose, its training data, its tests and results, its known limits	The model registry and the experiment records through imported APIs; the team's notes	The model owner completes and signs the record
Model Performance Summary Agent	Summarises a model's results for a period against the thresholds the owner set: accuracy, drift in the inputs, and results by group where the owner measures them	The model's results from a reporting database	The model owner decides whether the model stays in service, is retrained or is withdrawn
Experiment Summary Agent	Summarises a set of experiments: what was tried, what changed between runs, and which results are comparable	The experiment records through an imported API	The data scientist draws the conclusions
Training Data Record Agent	Lists the tables a model was trained on, their owners, whether they hold personal data and under what basis they may be used	The model record, the lineage record and the catalogue	The data protection lead and the model owner confirm the record

AREA 09

The data office

AGENT	WHAT IT DOES	READS FROM	WHERE IT STOPS FOR A PERSON
Data Office Report Draft Agent	Drafts the periodic report of the data office: quality results, open issues, pipeline failures, requests handled, from the records	The issue records, the check results and the scheduler, through a reporting database	The chief data officer edits and issues the report
Platform Cost Summary Agent	Summarises what the data platform cost in a period by team and by workload, and lists the queries and jobs that cost most	The platform's usage and billing records through an imported API	The platform lead decides what to change
Knowledge Agent	Answers staff questions about data standards, policies and how to ask for data, with the source of each answer	The data office's own documents as a knowledge source, with each reader's permissions	It answers from the documents and says when they are silent

WHAT EVERY AGENT HAS IN COMMON

01 **It prepares; a named person decides.** No agent writes to a production table, changes or reruns a pipeline, publishes a report, changes a definition, grants access, deletes data or puts a model into service.

02 **No figure without the query behind it.** Every answer shows the query and the tables it read, so a person can check it.

03 **It sees what the asker may see.** It queries with that person's permissions, through a connection that can only read.

04 **What it reads is material, never orders.** It reports on text inside the data and does not act on it.

05 **Everything is logged:** who asked, what was read, what was answered, who approved.

06 **It runs on the organisation's own infrastructure,** with a model the organisation serves. Nothing is sent to a model outside.

WHERE TO START

Five agents are the usual first steps, because each reads and changes nothing:

FIVE PLACES THAT FIT

Analysis Check Agent	a second look at a figure before it is used.
Metric Difference Explanation Agent	why two numbers under one name differ.
Data Quality Check Summary Agent	what failed, and which reports it touches.
Pipeline Failure Summary Agent	what broke, what changed, what is late.
Table Documentation Draft Agent	the descriptions nobody has time to write.

Each one prepares the work. A named person decides.

About Katonic AI

Katonic AI builds the platform that organisations use to build, run and govern AI agents on their own infrastructure: in their own data centre, in a private or sovereign cloud, or with no connection to the internet at all. The platform is in production with governments, banks, telecom operators and utilities. Katonic is certified to ISO 27001.

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