



DATA YOU CAN TRUST · CHECKED, LABELLED, OWNED

Know where your numbers came from, and who looks after them.

Data engineering and governance means getting your numbers from where they start to the people who use them: moved the same way each time, checked on the way, labelled with where they came from, and looked after by someone named.

Move it. Check it. Label it. Own it.

The story, decoded. In our story, water is your numbers, pipes move them to one shared reservoir, the cleaning plant checks them, each drop's tag shows where it started, and each important set of numbers has a named owner.

SOUNDS FAMILIAR?

Two reports answer the same question with two different numbers.

Ask who looks after a report and everyone points at someone else.

When a figure looks odd, it takes a long hunt to find where it came from.

A customer or the boss spots the mistake before the team does.

THE IDEA IN PLAIN WORDS

Pipes that move your numbers to one place

Numbers from your apps, spreadsheets and partners travel through pipes into one shared reservoir, the same way each time, sorted and labelled. Live where waiting would hurt, once a day where that is fine.

Experts call this: data pipelines, streaming and batch, data platform

Worth knowing

"Live" means within seconds or minutes, not at once, and live flows take more effort to run. Use them where waiting would hurt. A big shared store helps only when what goes in is sorted, labelled and owned. The problem is missing labels and owners, not one shared store.

A cleaning plant between raw and cleaned

Each delivery is checked before it moves from the raw side to the cleaned side: is it late, is anything missing or doubled, is it the right shape, and does it make sense? What looks wrong is set aside for a named person to look at.

Experts call this: data quality, data observability

Worth knowing

Checks catch many problems, not all of them. Someone still has to look at what gets set aside.

A tag on each drop

Each set of numbers carries a record of where it came from, each step on the way and which checks it passed, so an odd figure can be followed back to the source that needs fixing instead of argued about.

Experts call this: data lineage, data catalog

Worth knowing

Labels show where data came from. They don't make it correct by themselves; that's what the checks, and fixing the source, are for.

A name on each set of numbers

Each important set of numbers has an owner from your business, who answers for what it means and decides who can see private records. Engineers look after the pipes themselves.

Experts call this: data ownership, stewardship, data governance, access rules

Worth knowing

Rules help when people can follow them easily, so we set them up with the teams who use the data. Helping you see who can open private or personal data is not legal advice, and it does not by itself meet any law's requirements. Your legal advisers have the final say.

HOW WE WORK WITH YOU

STEP 01

Trace

Follow one figure that matters back to every source and step.

STEP 02

Together

Agree owners and meanings with the teams who live with the numbers.

STEP 03

One pipe

Sources to one report people can trace, with checks, tags and an owner from the start.

STEP 04

Next pipe

Reuse the same pattern, grow the map and the shared meanings.

STEP 05

Run it with us

Owners watch the tray and the tags, with us beside them.

Start small with one of these: **Trace one number**, **Owners workshop** or **Checks on one pipe**.

WHAT WE HELP WITH

Trace one number back to where it started

A map of where that number really comes from, where it goes wrong and which source to fix first.

Pipes that run on their own, live or once a day

Numbers can arrive without anyone carrying exports by hand.

One shared reservoir, sorted and labelled

Teams can draw from one sorted, labelled place instead of keeping their own copies.

Getting your numbers ready for AI helpers

AI helpers can start from material its owners have approved. Tagged, checked material gives AI helpers a better start, not right answers. Who may see what is still the owner's call.

So, would you trust a glass of your numbers?

Email contact@algoshred.com with the number your team argues about most, and we'll suggest a first step.

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WATCH THE FILM

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