

Title: Expanding What One Analyst Can Do: Agentic Workflows in Practice
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Data quality work has long been treated as boring work — necessary, tedious, and therefore avoided. That avoidance has never been about method. We know what a thorough assessment looks like. We skip it because it costs weeks, so scope quietly shrinks to what one person can finish, and the profession best placed to own this work keeps finding reasons not to.

Agentic workflows change the arithmetic. This workshop demonstrates how, from a cold start: an open real world data set, its documentation, one protocol, and nothing but a working environment set up in advance.

The mechanics are the subject. **Skills** — durable instruction files an agent loads on demand — let source knowledge be written once and reused; we build several during the session. **Tool connections** put the agent directly against database and documentation. **Parallel sub-tasks** run separate lines of enquiry at once. Every step leaves an auditable record of what ran and why.

The effect is multiplication, not replacement. Testing multiple case definitions rather than committing to one, profiling a source end to end before trusting it — work previously costed in days happens in the room. The analyst spends their time choosing between options rather than producing them.

What transfers is the approach, not the tooling.

Everything runs on open data, code, prompts and skills will be shared to be reproducible afterwards, so attendees can try to break it.