ARTURO VILLAGOMEZ / PORTFOLIO CASE STUDY

From data to traceable decisions

Designed and developed with AI to deepen financial analysis

Financial judgement · Product · Applied AI

Explanatory diagram of the work
For my own practice; under development and local validation

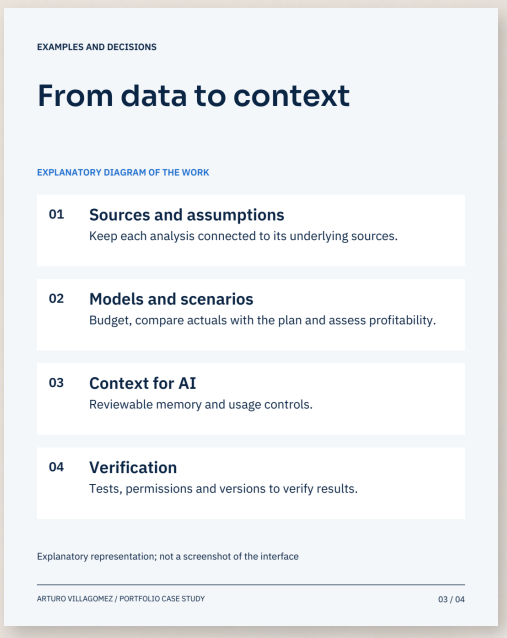
Conceptual scene

Sources

Assumptions

Scenarios

Verification



Conceptual scene · Arturo Villagomez

THE PROBLEM / MY CONTRIBUTION

What supports a financial decision?

THE CHALLENGE

Reconciliation, consolidation and planning require context. I need to answer questions from management, teams and other stakeholders at companies where I work or serve as CFO, without rebuilding each analysis from scratch.

MY CONTRIBUTION

I designed and developed an AI-assisted system for my own practice: reconciliation, consolidation, planning, modelling and scenarios. I translated financial methodology into modules with calculation rules, versions, permissions and tests. A context-aware assistant supports deeper analysis while preserving the links between sources, assumptions and results.



HOW I APPROACHED IT

Connecting financial judgement, product and AI

01 **Frame** Turn business questions into financial rules.

02 **Build** Connect sources, assumptions, scenarios and results.

03 **Verify** Review calculations, versions and AI context.



Conceptual workflow · For my own practice

Conceptual scene · Arturo Villagomez

OUTCOME / CAPABILITIES

Finance, product and verification

The system brings together tools to prepare analyses and address questions from management, internal teams and other stakeholders. My contribution combines financial judgement, design and AI-assisted development. The functional foundation remains under development and local validation, with each module retaining its own verification status.

CAPABILITIES

Reconciliation and consolidation

Planning, modelling and scenarios

System design and AI-assisted development

SCOPE

A tool for my own practice, under development and local validation. Company data remains private. This is not presented as a commercially available product.

