

Building AI Confidence: Start Small, Scale to Professional Tasks

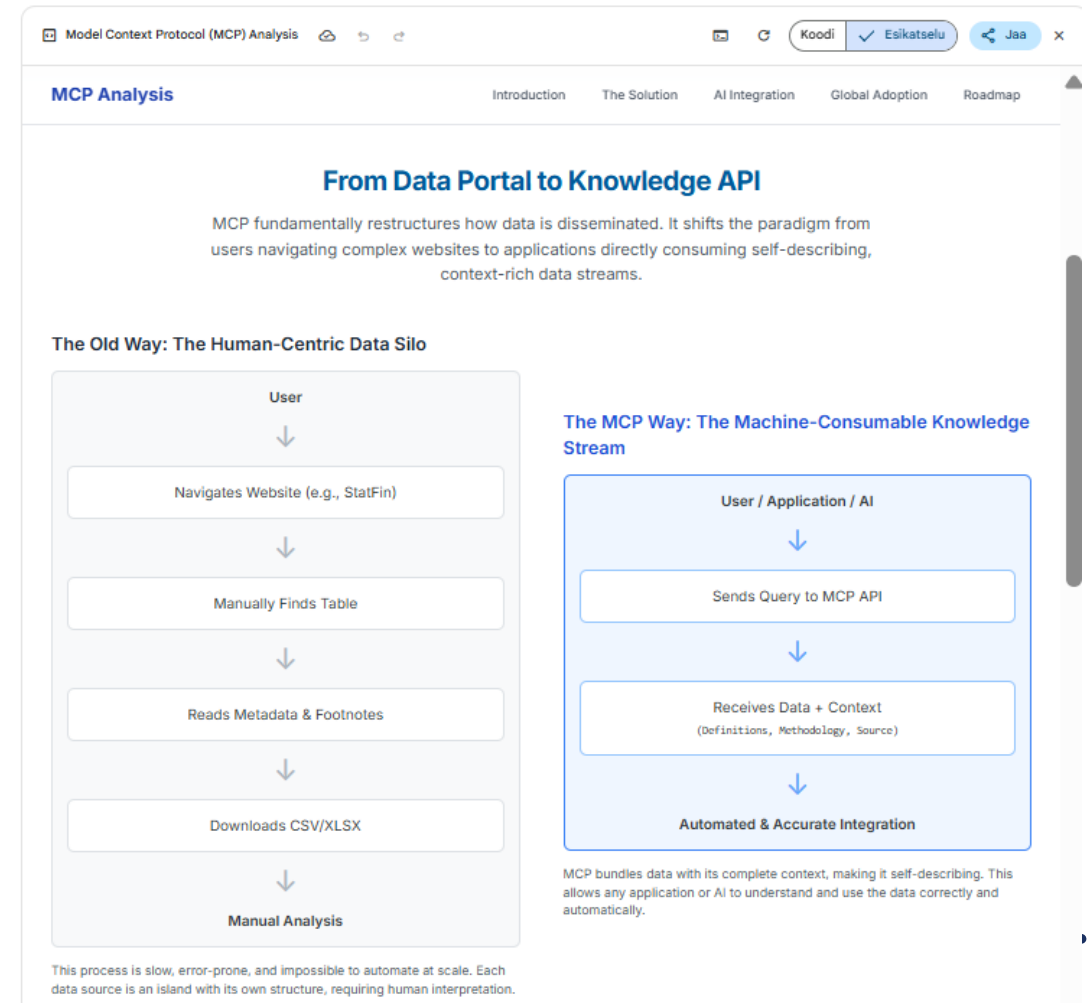
Markku Huttunen, International px-meeting 2025,
9.10.2025

Case 1: Google Gemini 2.5 Deep Research

Example research: The Model Context Protocol (MCP) as a Strategic Enabler for NSO's and ISO's

- **Goal:** Assess the development and significance of Model Context Protocol (MCP) for NSOs/ISOs (e.g., OECD).
- Deep Research is really a multitool
- The whole package of the results in different formats
 - [Visual interactive web page](#)
 - [Infographic](#)
 - [MCP quiz \(10 questions\)](#)
 - [MCP flashcards \(25 pcs\)](#)
 - [Study guide](#)
 - Audio overview (in Finnish sorry)
 - PDF-report (21 pages, incl. 37 sources)
 - [Html-version \(all contents\)](#)

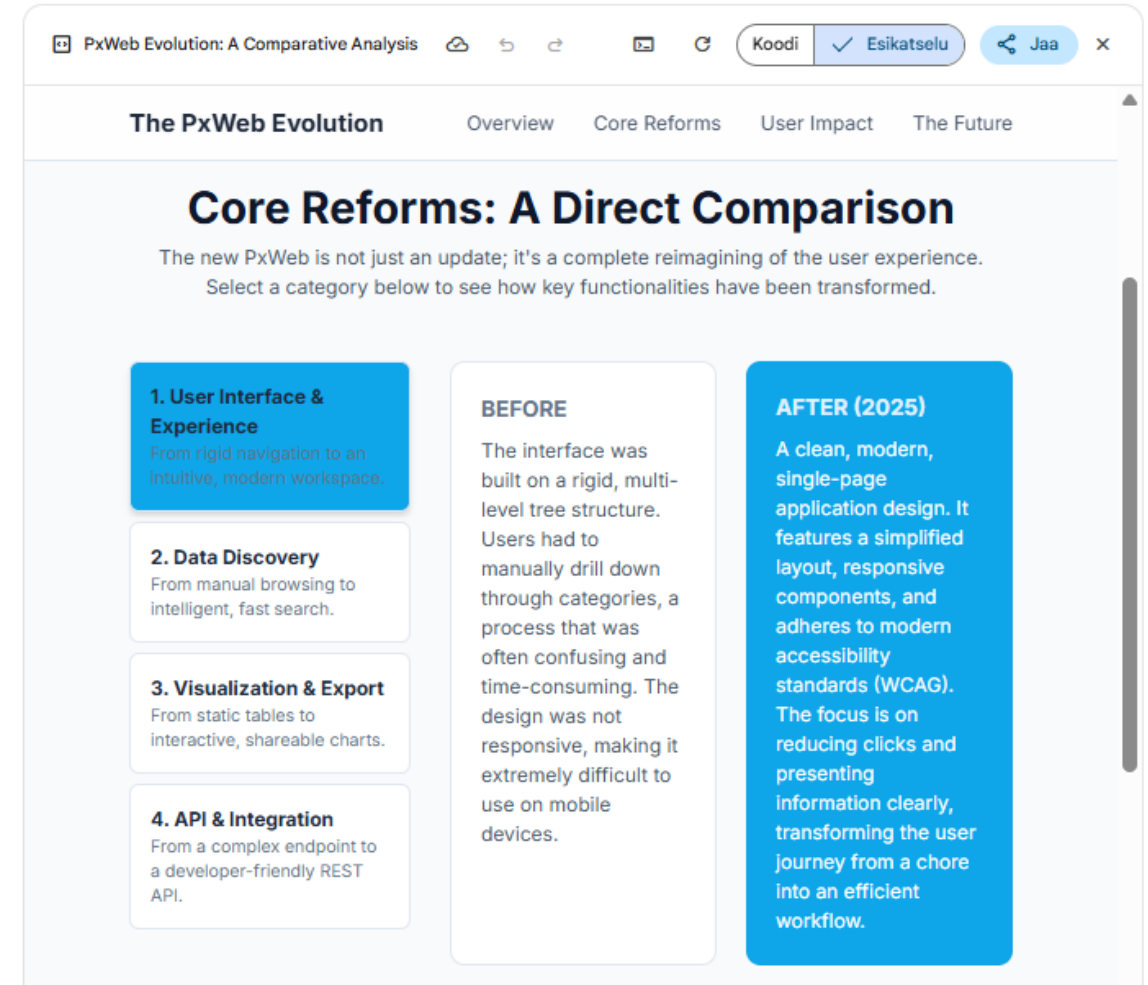
The Model Context Protocol (MCP)



Case 2: Start with something you know

Example research: PxWeb Database Reforms: Old vs. New

- **Goal:** Analyze the main reforms in the new PxWeb version compared to the old one and evaluate the impact of these changes on different user groups (casual, media, and professional).
- This example is not about the content itself (although it might be interesting)
- Start deep researches with something you know really well – and review the features carefully
- Only then, move on to the topics you don't know as well
 - [Visual interactive web page](#)
 - [Quiz \(10 questions\)](#)
 - [Flashcards \(25 pcs\)](#)
 - PDF-report (20 pages, 32 sources)
 - [Html-version \(all contents\)](#)



Case 3: Google NotebookLM

- **AI research assistant** – Helps you work with your own sources (Docs, PDFs, sites).
- **Source-based answers** – Always grounded in the material you provide.
- **Smart overviews** – Creates outlines, summaries, FAQs, even audio/video explainers.
- **Interactive Q&A** – Lets you ask questions and get clarifications from your sources.
- **Collaboration aid** – Supports organizing info, brainstorming, and preparing outputs.

- Link to [the whole \(public!\) notebook](#).
- Link to [the original UNECE site](#).

- 36 presentations and papers
- You can ask anything and the AI answers based on the material
- All answers referenced
- AI audio and video overviews
- Mindmaps as indexes to material
- AI reports
- **Try all 1-6 functions!**



Case 4 – International px-meeting 2025

- [The PxWeb 2.0 Story](#) (video; 6:24)
- [PxWeb 2.0 Architecture](#) (video; 6:45)
- [PxWeb 2.0 Unlocked: The Billion-Point Data Overhaul, C# Speed, and Global Collaboration Driving Statistical Transparency](#) (audio; 14:23)
- [WCAG Compliance Meets UX Crisis: The PxWeb 2.0 Redesign of Billion-Point Public Data](#) (audio; 14:00)
- [Statistical Quiz](#) (10 questions and answers)
- [PxWeb Flashcards](#) (67 Q&A cards)
- Briefing Document: The Px.Utils Library
- Px Product Portfolio and Development 2025 (Mind Map as an index)
- Link to [the whole \(public!\) notebook](#)
- Link to [the original SCB website](#)

- The material consists of 11 presentations
- You can ask anything – the AI answers based on the source material
- All answers include source references
- AI-generated audio and video presentations
- Mind map as an index to the material
- AI reports
- Quizzes and learning cards





Statistics Finland
1865 – 2025

Where to start?



- Before buying new glasses, I asked an AI tool to generate an image of me with the frames I had in mind.
- Comparing AI images with a real photo (left) shows how practical – and fun – small experiments can be.
- Small, everyday experiments help build confidence for applying AI in professional tasks.