



From Data to Decisions: WHO Training on Prompt Engineering, Data Visualization, and Knowledge Translation

Brussels, Belgium
7 – 10 December 2026

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22 September 2026
Original: English

Draft Provisional Programme

Lecturers:

- Fundamentals of AI and Prompt Engineering – Tyrone Reden Sy
- Data Quality, Indicator Selection, Data Cleaning and Dashboard Framing – Stefania Davia
- Data Visualization Principles – Laurens Zwakhals
- Power BI – Viktoriya Arkhipenko
- Knowledge Translation – SILD Consulting / Marge Reinap

Day 1: Fundamentals of AI and Prompt Engineering, Indicator Selection and Data Quality

Please bring: Windows Laptop, create a free account in ChatGPT.com or Claude.ai (paid subscription optional).

Time	Agenda
08:15 – 09:00	Registration
09:00 – 09:30	Welcome and opening remarks and group photo
09:30 – 10:30	Introduction, and fundamentals of AI and LLMs
10:30 – 11:00	Coffee break and energizing exercises
11:00 – 12:00	Prompt engineering essentials: persona, template, few-shot, chain-of-thought and other practical patterns for analytical and visualization tasks
12:00 – 13:00	Lunch break
13:00 – 14:00	Prompt engineering (continued): safe and ethical use of LLMs, limitations of LLMs, and an overview of AI productivity tools
14:00 – 14:30	Coffee break and energizing exercises
14:30 – 16:00	Indicator selection and the spotlight effect: choosing indicators that meaningfully reflect the health situation, supported by AI-assisted approaches, and AI-assisted data cleaning
16:00 – 16:55	Data Visualization Lecture Part 1: Reviewing real examples: participants share charts they consider effective or ineffective
16:55 – 17:00	Wrap-up and feedback for the day

Day 2: Data Visualization Principles and Framing Your Dashboard

Time	Agenda
08:45 – 09:00	Morning coffee and informal chat
09:00 – 10:30	Data visualization principles I: fundamentals of chart design
10:30 – 11:00	Coffee break and energizing exercises
11:00 – 12:30	Data visualization principles I (continued): hands-on practice with chart fundamentals
12:30 – 13:30	Lunch break – Reminder to install Power BI

13:30 – 14:30	Data visualization principles II: charts as components of a product (dashboards, reports, slide decks and other formats) Reviewing real examples: participants share charts they consider effective or ineffective
14:30 – 15:00	Coffee break and energizing exercises
15:00 – 16:50	The ‘who, what, when, why, how’ framework: defining the audience and purpose of a data product (introduction, continued the following morning)
16:50 – 17:00	Wrap-up and feedback for the day

Practical activities:

- o Homework 1: Begin structuring your own country dataset for dashboard use, following the advance guidance provided; if using the shared dataset instead, familiarize yourself with its columns and structure (WHO Europe’s Health for All Mortality Database, available in the Lectures folder)
- o Homework 2: Please install the following on your computer:
 - o [Download Microsoft Power BI Desktop from Official Microsoft Download Center](#)

Day 3: Framing Your Dashboard (continued), Power BI and Visual Composition

Time	Agenda
08:45 – 09:00	Morning coffee and informal chat
09:00 – 10:00	Presentation of ‘who, what, when, why, how’ outputs
10:00 – 10:30	Coffee break and energizing exercises
10:30 – 11:15	Introduction to Power BI: interface and the pre-built dashboard file
11:15 – 12:15	Hands-on exercise: editing and refining the pre-built Power BI dashboard
12:15 – 13:15	Lunch break
13:15 – 14:15	Revisiting the examples: what makes a chart work, and what participants would now improve
14:15 – 14:45	Working with AI to generate visualizations
14:45 – 15:15	Coffee break and energizing exercises
15:15 – 16:50	Composition and colour: principles for choosing colour schemes and visual composition (colour wheel, chart composition), including AI-assisted design elements
16:50 – 17:00	Wrap-up and feedback for the day

Day 4: Knowledge Translation

Time	Agenda
08:45 – 09:00	Morning coffee and informal chat
09:00 – 09:45	Principles of evidence-informed policymaking and knowledge translation,
09:45 – 10:30	Stakeholder mapping: identifying and understanding your dashboard / information products’ audience
10:30 – 11:00	Coffee break and energizing exercises
11:00 – 12:30	Crafting your message: structuring a knowledge translation product (evidence brief or briefing note) from your dashboard or report
12:30 – 13:30	Lunch break
13:30 – 15:00	Group exercise: finalizing the mock presentation of your dashboard/report to a Minister of Health, using knowledge translation principles
15:00 – 15:30	Coffee break and energizing exercises
15:30 – 16:30	Presentation and roundtable feedback: peer and facilitator review of presentations, modelled on a ministry leadership roundtable format
16:30 – 17:00	Wrap-up and feedback for the day, distribution of certificates Closing remarks