

Workshop specification:

From text to impact in ninety minutes.

Summary

This workshop will give participants an opportunity to turn their text into insight by walking them through key phases of the project pipeline. Starting with an overview of how semantic analyses can be used to explore questions of interest in the domain of knowledge transfer, the session will then be broken down into a series of practical exercises covering data collection, analysis and outputs. These will consist of a combination of presentations drawn from Nesta's vast experience and small group exercises. The practical component will conclude with a short session on the practicalities of semantic analyses, allowing participants to reflect on how they might implement projects in their own institutional context. The session will conclude with a Q&A on the semantic analysis pipeline and a recap of key points.

Structure

Opening/overview (5 minutes) (presentation only)

1. **Review goal of session**
 - a. To come away with an understanding of the steps, challenges and opportunities in the semantic analysis pipeline, as well as ideas on how this might be applied in one's own context
 2. **A broad overview of**
 - a. The kinds of questions we may want to ask
 - b. The large variety of sources, beyond official data
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Following the pipeline of a semantic analysis (60 minutes) (presentation and exercises)

3. **Data collection (20 minutes)**
 - a. **Presentation:** Example of data sources
 - b. **Guided exercise:** Identify policy applications, data sources and their limitations
4. **Analysis (20 minutes)**
 - a. **Presentation:** Steps of semantic analysis pipeline (5 minutes)
 - b. **Presentation:** Practical example of a semantic analysis (5 minutes)

- c. **Guided exercise:** Two data files are provided:
 - i. 1) Project descriptions (before semantic analysis) – how would you assign topics to projects?
 - ii. 2) Project topics (after semantic analysis) – how would you interpret the findings?

5. **Communicating results (20 minutes)**

- a. **Presentation:** Options for data visualisation
- b. **Guided exercise:** Thinking about policy applications, and appropriate outputs

Capabilities and workflows (20 minutes) (presentation and discussion)

- 6. **Presentation:**
 - a. An introduction to the tools required to do analysis at scale
- 7. **Wide discussion with participants, including Q&A**

Closing remarks