

DELIVERABLE

Interactive learning workshop

Summary

This deliverable reports on the interactive learning workshop directed to policy practitioners. The objective of the session was to engage stakeholders to mitigate skills gap, create transparency, and to enable policymakers being informed of the tools and pilots created by the project. The deliverable includes a Jupyter Notebook and a workshop recording shared publicly.

Deliverable Information

Deliverable number and name:	Interactive learning workshop
Due date:	28 Feb 2022
Deliverable:	D25
Work Package:	WP5
Lead Partner for the Deliverable:	UNU-MERIT
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Approved by:	Arho Suominen
Dissemination level:	Public
Version	12 th April 2022



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870822

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Interactive learning workshop

One of the key objectives of the BIGPROD project is to have deep stakeholder consultation for 1) mitigating the skills gap, 2) creating transparency, 3) enabling stakeholder influence in sources and tools and 4) enabling policy makers being informed on tools and pilots created by the project. To this end, the project organized an interactive learning workshop directed to policy practitioners.

The workshop focused on a concrete example of applying big data and data analytics to inform policy. The event used web-scraped data¹ generated by the BIGPROD project. This entailed merging it with external data to run a practical policy relevant example. Demonstrating via the use of open source Jupyter Notebooks, the workshop included a hands-on tutorial on how to run the analysis². In addition, the session reported on the outcomes of the project's recent publication (Suominen & Hajikhani 2021)³ highlighting the challenges of using big data and data analytics in policymaking.

The session was organized as a publicly open online event on 11th April 2022 at 14.00-15.00 CET. The workshop was run using Microsoft Teams Live Event allowing for Q&A chat to be organized with participants. The session was publicized through project team's connections, but also as a publicly open LinkedIn event. The event was joined by 31 participants. The tutorial part of the event was recorded and made publicly available and as a part of this deliverable.

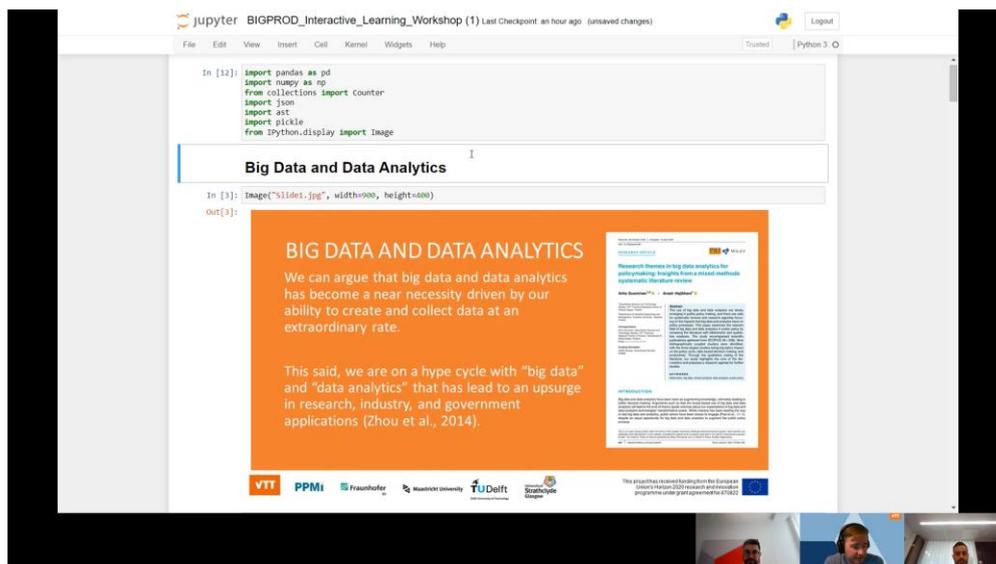


Figure 1 Screen capture of the Interactive learning workshop recording. The recording is available at [BIGPROD Data & Information on dataverse.nl](https://dataverse.nl)

¹ The data used is available from [Dataverse](https://dataverse.nl).

² The Jupyter Notebook is available from [Dataverse](https://dataverse.nl).

³ Suominen, A., & Hajikhani, A. (2021). Research themes in big data analytics for policymaking: Insights from a mixed-methods systematic literature review. *Policy & Internet*, 13(4), 464-484. Available at <https://onlinelibrary.wiley.com/doi/full/10.1002/poi3.258>

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About BIGPROD

BIFPROD is a research project focusing on Big Data based analysis of productivity using webscraped data. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 870822.

The project partners in the project are Quantitative Science and Technology Studies team, Foresight-driven Business Strategies, 1) VTT Technical Research Centre of Finland, Competence Center Innovation and Knowledge Economy (Coordinator), 2) Fraunhofer ISI, Economics of Knowledge and Innovation team, 3) UNU-MERIT, Maastricht University, 4) Public Policy and Management Institute, 5) Economics of Technology and Innovations, Faculty of Technology, Policy and Management, 6) Delft University of Technology, Economics of Technology and Innovations, 7) Faculty of Technology, Policy and Management, Delft University of Technology



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