

Ioannis Magnisalis liaises as a Research Associate and teaching staff with the International Hellenic University, School for Science and Technology in Thessaloniki, Greece. His teaching and research focus on the areas of eGovernment, Digital Marketing and Strategy, eParticipation, interoperability, open and linked data and semantic web technologies. His interests focus on the appropriate use and expansion of interdisciplinary and business semantic standards (ESCO, CPSV, IMS, BPMN, etc.) with the aim of managing open, linked and big data in e-Government, businesses and education.

He currently works at the European Commission at General Directorate of Informatics as an IT Strategy and Planning Officer and Team Lead of Data scientists. He focuses on:

- Selection of tools to be deployed towards EC data strategy (e.g. open source and commercial like KNIME analytics, RapidMiner, Tableau, QLIK, PowerBI etc.)
- Application of specialised analytical tools, including R, Python, SQL, and NoSQL (e.g. MongoDB) to analyse large datasets from surveys and big data. Examples are current work on Eurobarometer surveys and surveys around Covid-19.
- Evaluation of various technologies as reusable components and building blocks of the EC data platform (e.g. R, Python components, chatbot, ML algorithms etc.)

Additionally, Ioannis specializes in metadata, semantic web, linked open data, and data analytics technological areas with emphasis e-Government, digital marketing, and e-learning analytics. He has been collaborating as a research associate on e-Government and data analytics R&D aspects with the Greek Open-Source Software Organization (EL / LAK), and Aristotle University of Thessaloniki.

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