



Smart DaViDiM 4.0

Smart Data Visualization and Discovery in Manufacturing

MTA SZTAKI

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- MTA SZTAKI is the Institute for Computer Science and Control of the Hungarian Academy of Sciences
- Research Laboratory on Engineering & Management Intelligence
 - modelling, prediction, control and optimization of technical and business processes
 - technological process planning
 - production planning and scheduling
 - advanced robotics and mechanisms
- Related project: *Smart Factory* (Hungarian Scientific Research Fund), *RobustPlanet*, *Industry 4.0 Research and Innovation Center of Excellence*

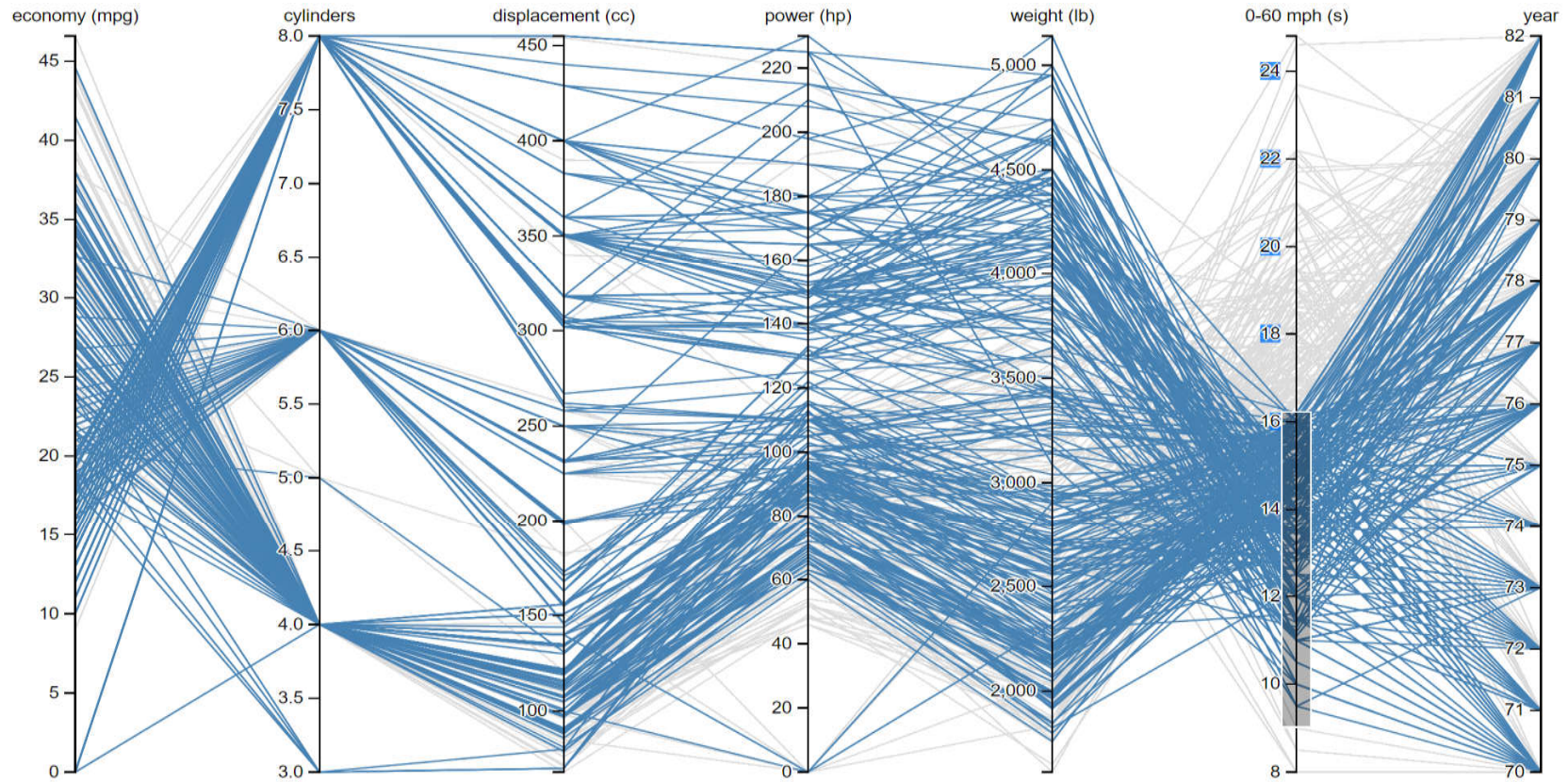
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- Creation of a (cloud) library/platform for advanced graphical visualizations and insight discovery in manufacturing specific (big) data and processes
- The project will leverage the availability of **open** web standards and technologies (i.e. d3.js, x3d, HTML5, CSS3-4, etc.) for the conceptualization of a novel approach in the manipulation, visualization and presentation of data in manufacturing environments, with the purpose of enabling new discovery paths in the management both of business and operational knowledge.
- No consortium currently. Profile of the partners sought:

Type	Skills	Role
Software development company	Market oriented development	Project manager
Research institute	Multi-dimensional representations and graphical cognition	Visualization expert
Business intelligence consultant	Data correlation and process analysis	Knowledge validator

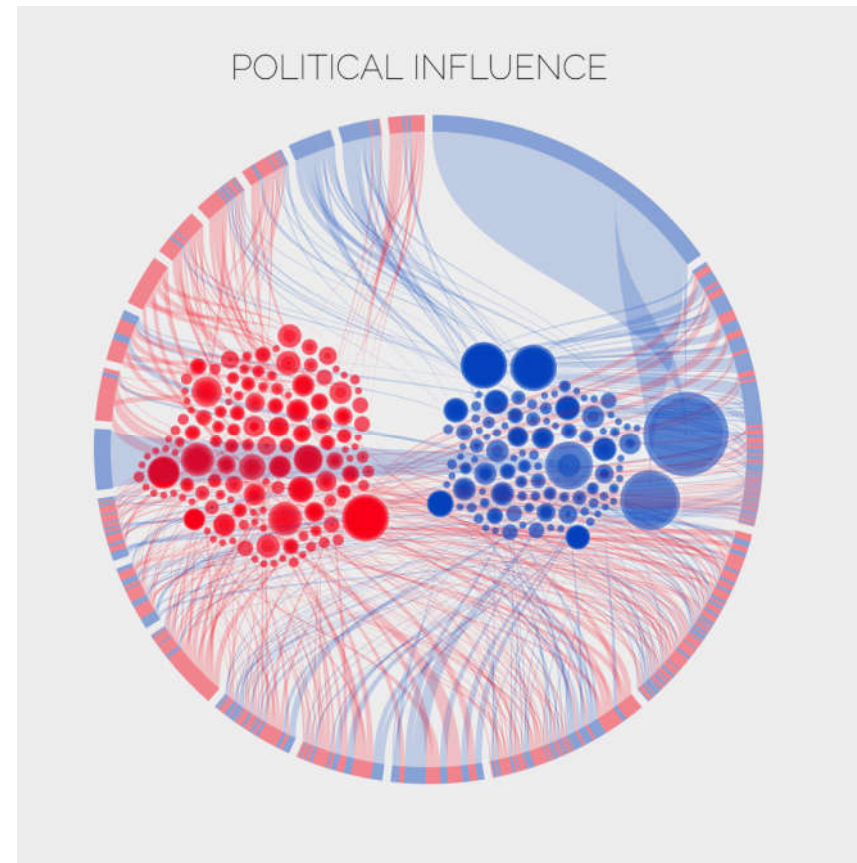
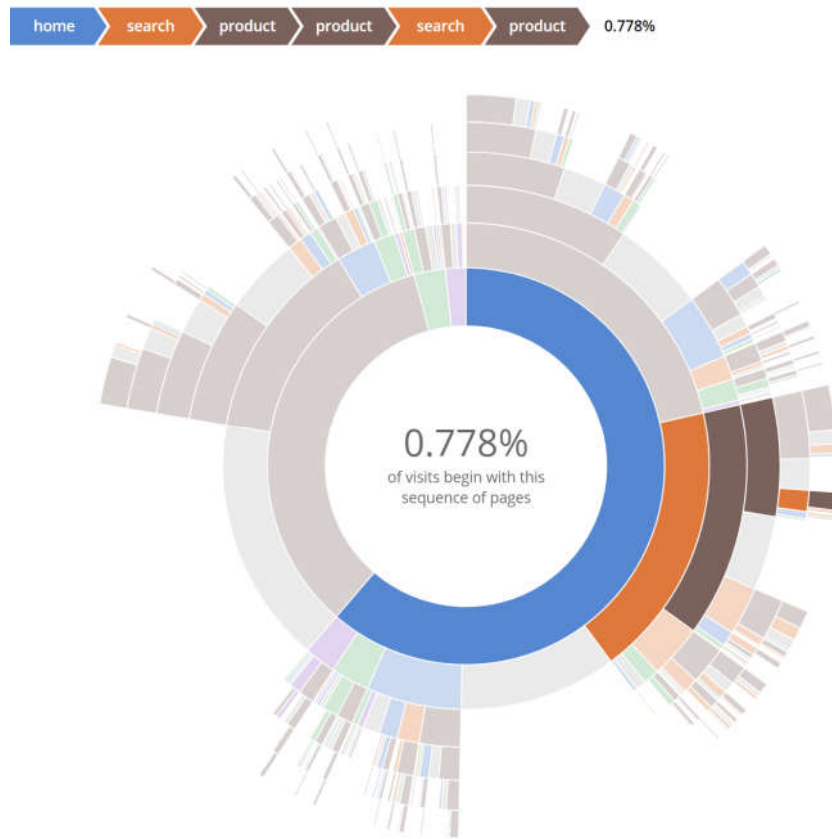
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- A good visualization is worth 1000 tables (from d3.js)



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Thank you!

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