

# Prototyping with DataFoundry

Research Elective Opportunity

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## Background

The development of research and education on the use of data in design is very active at IDE, from the Data-Centric Design lab to the data and AI-related courses throughout the curriculum. Yet, the effective and responsible use of data in design remains challenging as the tools fail to fit the design practitioners' literacy and goals. IDE is teaming up with TU/e Industrial Design to scale up the use of DataFoundry, a digital platform that supports data use throughout the design process. It is a unique opportunity to enable all IDE students to easily collect and analyze data during their design projects.

## Aim

In this project, the Data-Centric Design lab aims to explore DataFoundry's capabilities. You will support the lab in this exploration, developing a series of prototypes that demonstrate DataFoundry's capabilities for the research and education of our Faculty. You will use these demonstrators to engage discussions with researchers and teachers across the Faculty and inform the future of digital prototyping education.

## Profile

You are passionate about data and design, and comfortable with programming and web technologies. You are looking for a research experience in which you can combine qualitative and quantitative methods to contribute to the research on data, design, and education.