

IDE Data Studio

Graduation Opportunity – Data-Centric Design Lab
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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.

Aim

In this project, you will explore the design of a data-centric design studio, a facility available for research and teaching where data, from telemetry to video streams, can be collaboratively explored as part of a research and design process. You will develop an understanding of the research, education, and valorization needs that such a facility could support, integrate the data tools that we have at the Faculties (e.g., large monitors, table touch-screen, web-based data platforms), and envision tools we miss. You will prototype and showcase such data studio.

Profile

You are IPD or Dfl, passionate about the development of digital technologies and their use to support human-centered, data-centric design processes. With skills in data and programming, you are looking for a graduation project focusing on research with hands-on prototyping and a strong contribution to the Delft design community.