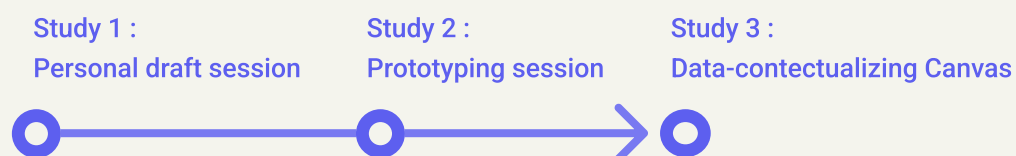


Contextualize big-thin Data by Experiencing Prototyping

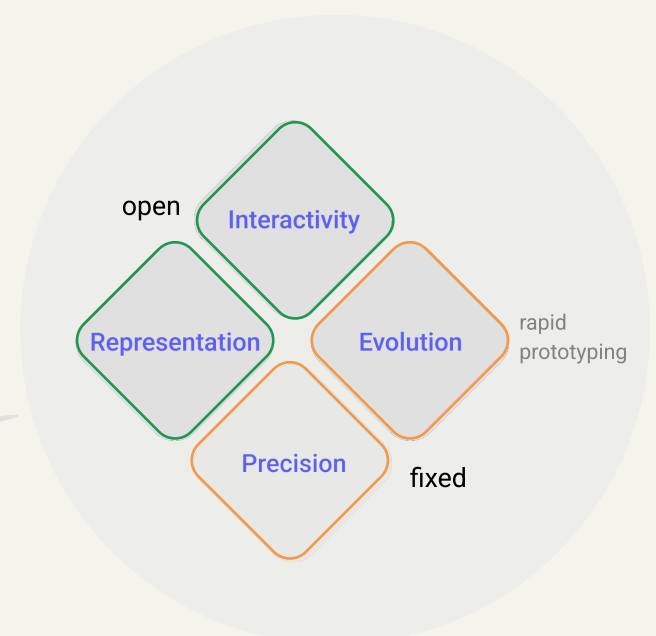
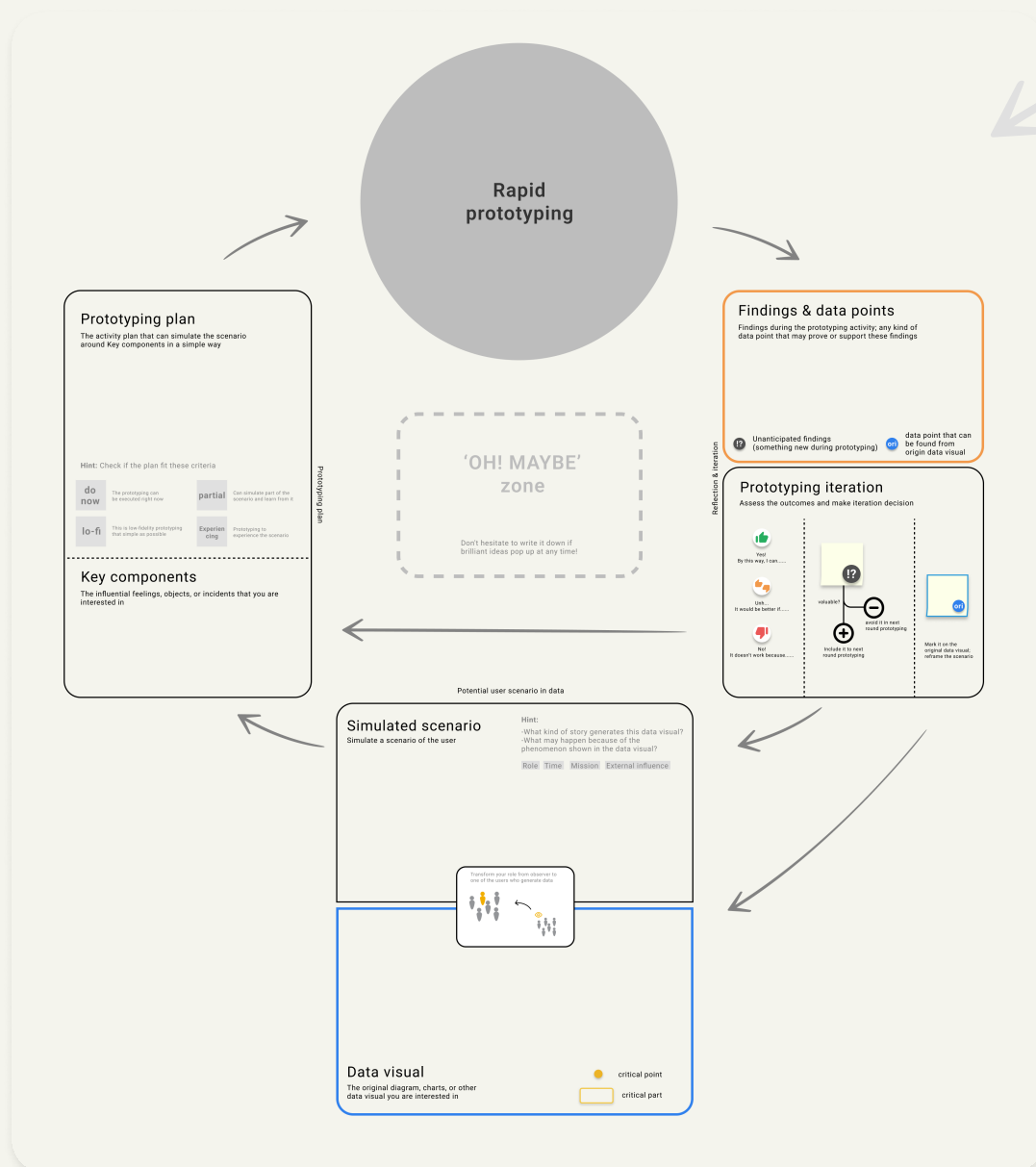
Designing with data helps the service providers to monitor and gain deeper insights from users. However, there are not many design methods of data-enabled design for most design teams to rely on. This research focuses on the early exploratory phase. The goal was to find a solution that could assist in contextualizing the big-thin data by using experiencing prototyping approach for exploratory purposes.

How can an experiencing prototyping approach assist data-enabled design for exploratory purposes?



Solution : The Data-contextualizing Canvas

Data-contextualizing Canvas was designed and iterated by three studies (including seven sessions with eight participants in total) in this project. It assisted designers to prototyping the simulated user scenario in a structured way. And designers could extract insights and relevant data points by using it.



Implementing the prototyping dimensions in design approach

DEA Data exploration approach : Data-value-data

The design process of data-value-data described a sequence of creative data exploration for establishing the design hypothesis in early design phase.

