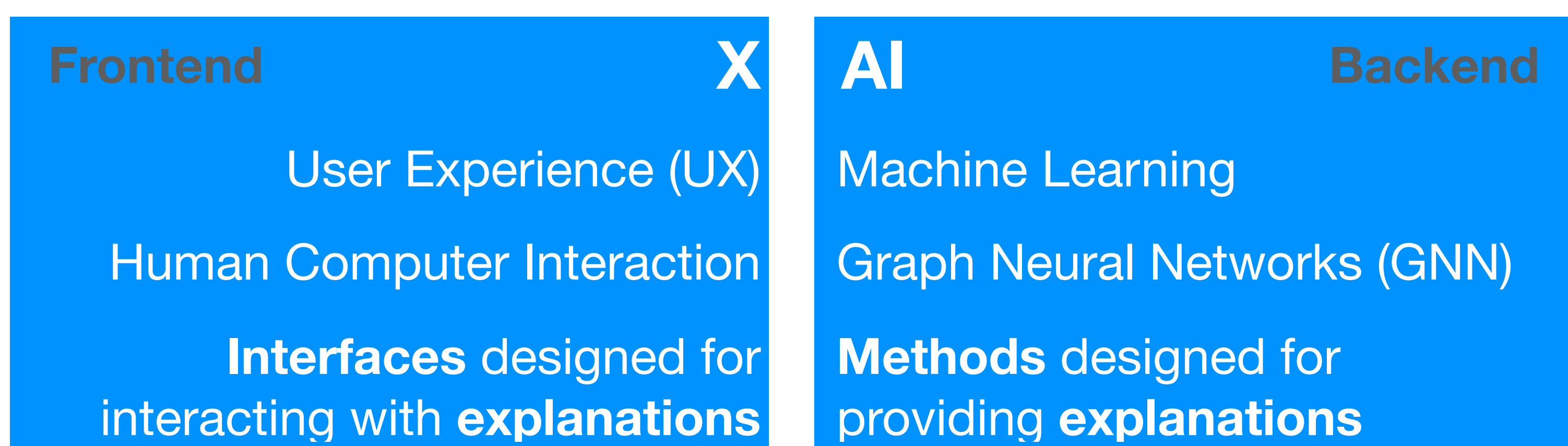


# GraphNEx

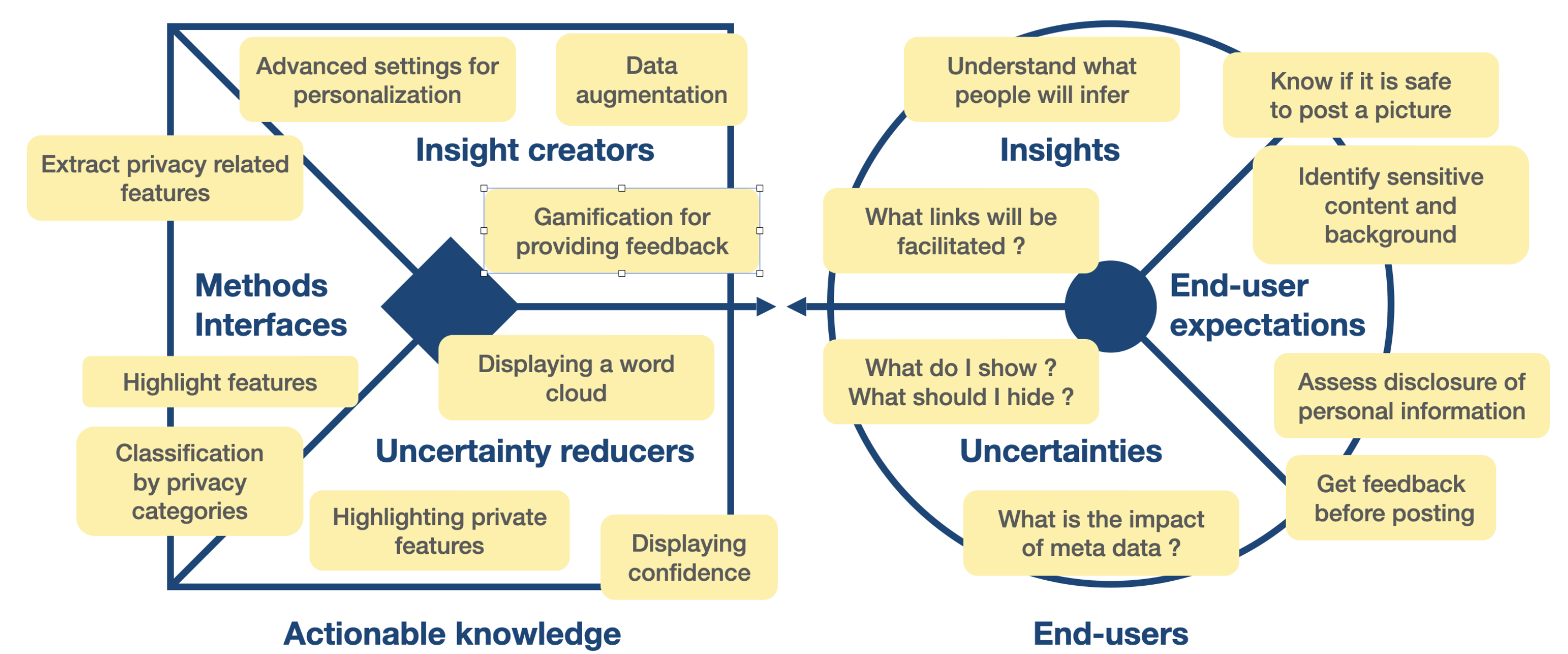
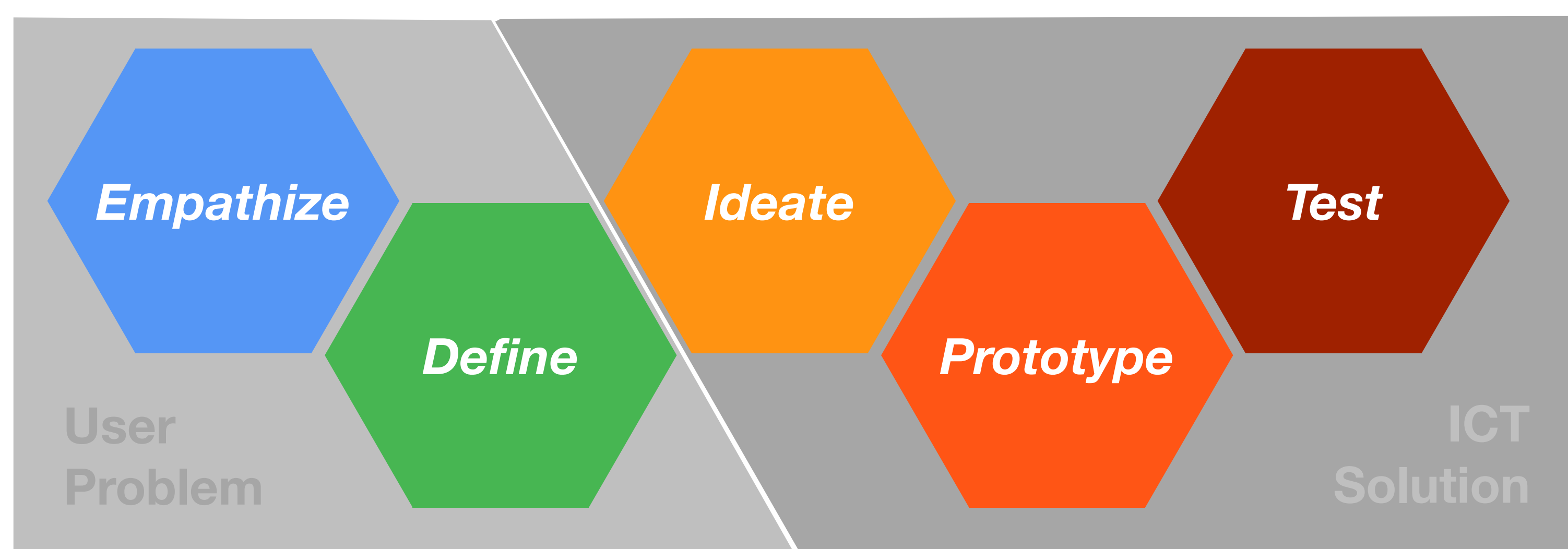
## Explainability Value Proposition Canvas

*Denis Gillet, Basile Spaenlehauer, and Roxane Burri*



A Value Proposition Canvas has been proposed to support user-centered design of interfaces for explainability. It has been elicited through participatory design held during a GraphNEx workshop with experts from AI, human-computer interaction, and XAI application domains

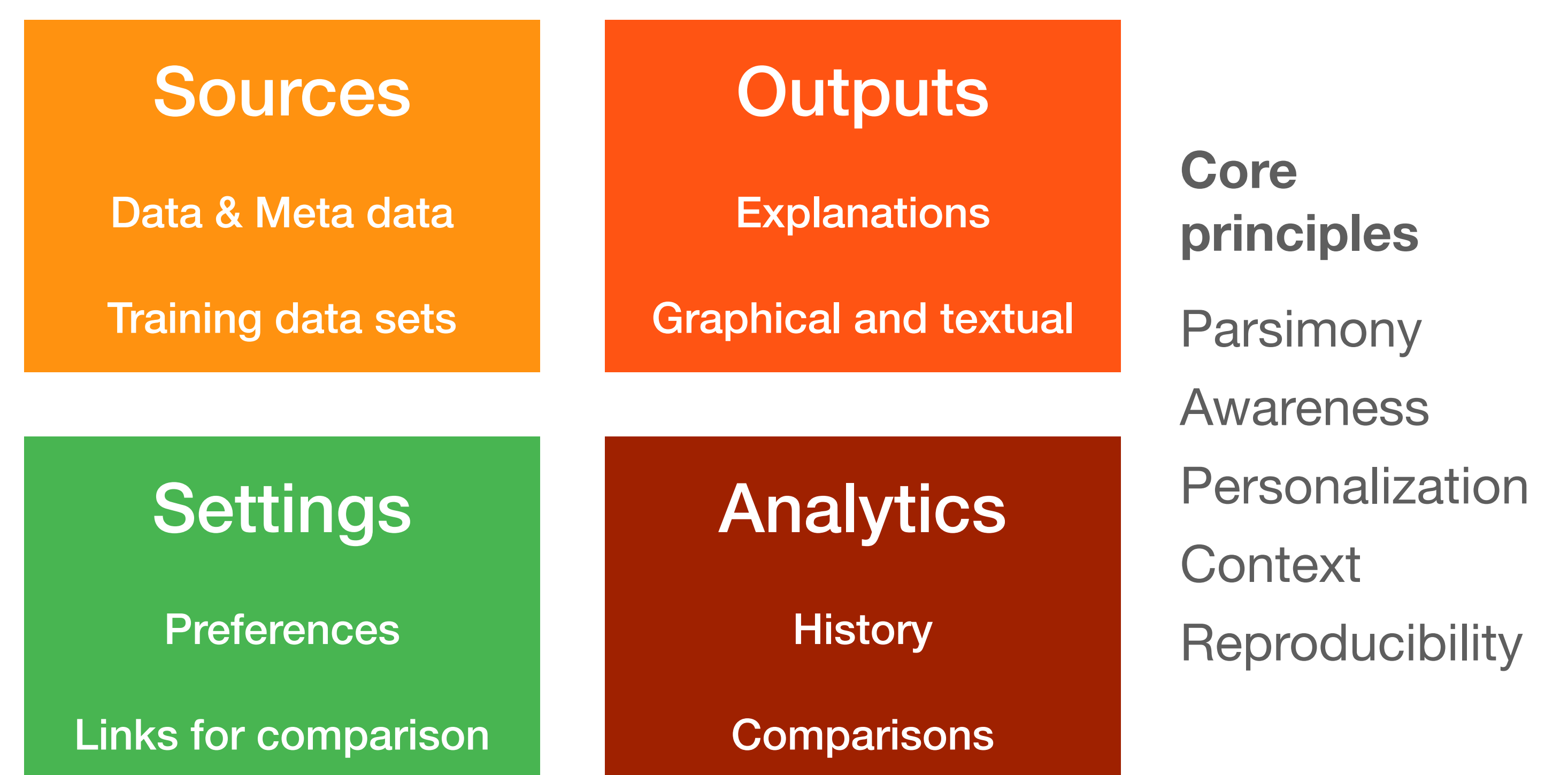
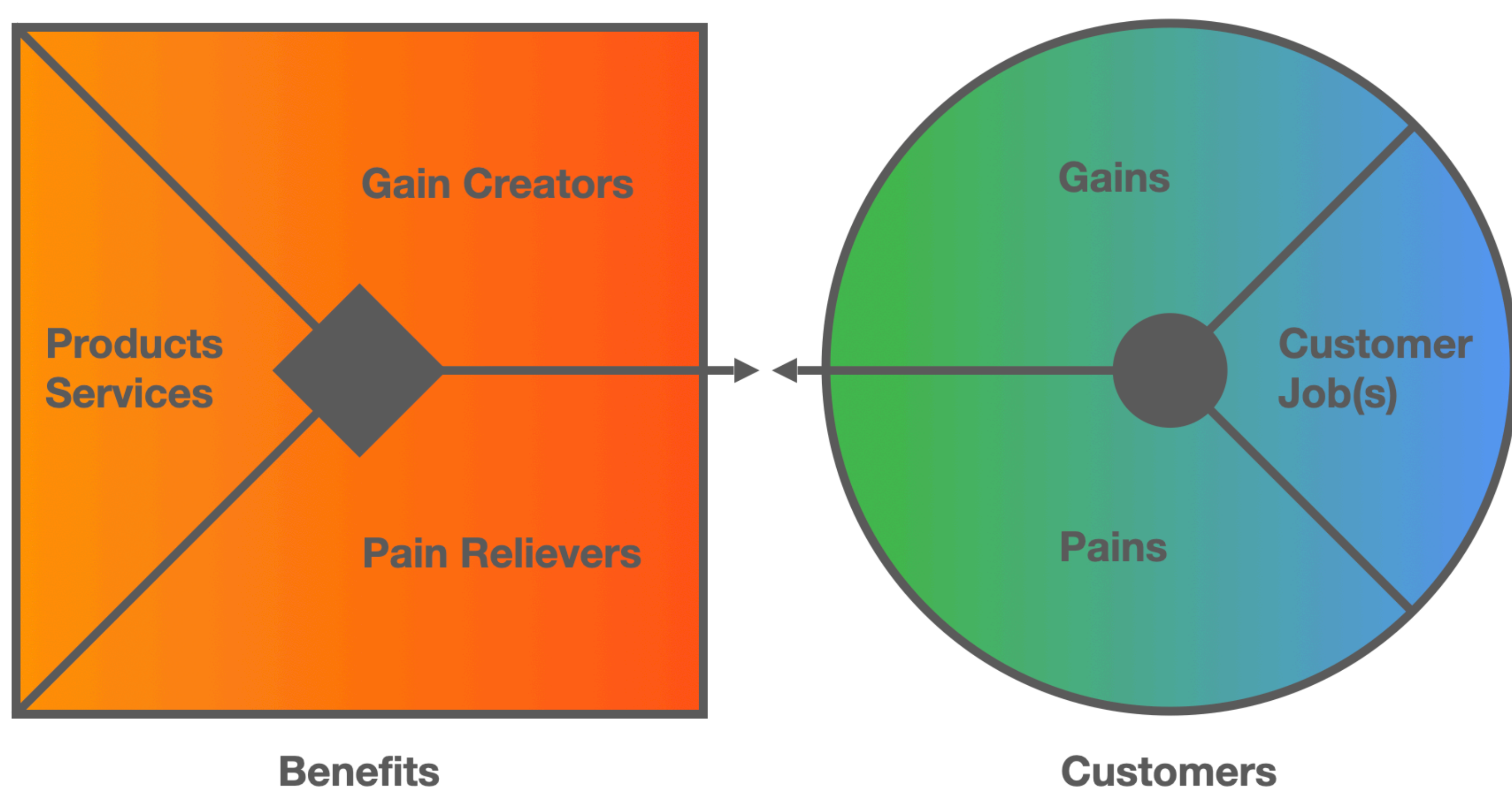
User-centered design approaches needed



The value proposition canvas introduced in **business** can be used as a **boundary object** for **user-centered design** supporting the **Empathize**, **Define**, **Ideate**, and **Prototype** stages of **design thinking** activities (*Stanford Design School* model)

Applied in GraphNEx for privacy protection\*, system genetics, education in computer and data sciences

\* Help average citizen understand what they disclosed in terms of private information when sharing pictures in social networks



Key user interface components for explainability



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Introducing Alternative Value Proposition Canvases for Collaborative and Blended Design Thinking Activities in Science and Engineering Education, IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE), Hong Kong, December 4-7, 2022