Problem Overview

Situation / Problem / Goal:

What do they want to accomplish, i.e.,
what problem do they want to solve /
what situation do they want to improve?

Value Generation:

- process improvement (reduce costs)
- new product / feature / service (increase revenue)

picture (optional)

Solution Outline

Inputs:

- (numeric) values: _____
- image
- text
- other: (e.g., audio, video)

1 Data Point: What is one interaction that generates these measurements?

ML Solution & Output:

- Dimensionality Reduction: **2D coordinates**
- Outlier Detection: **anomaly score**
- Clustering: **cluster index**
- Regression: **continuous value:** _____
- Classification: **discrete value (e.g., yes/no):** _____
- Recommender Systems/Information Retrieval: **ranking of items**
- Generative AI: **(e.g., image, text, …):** _____

Additional Steps?

- Explain predictions (e.g., to identify root causes)
- Use model in optimization (to find optimal inputs)