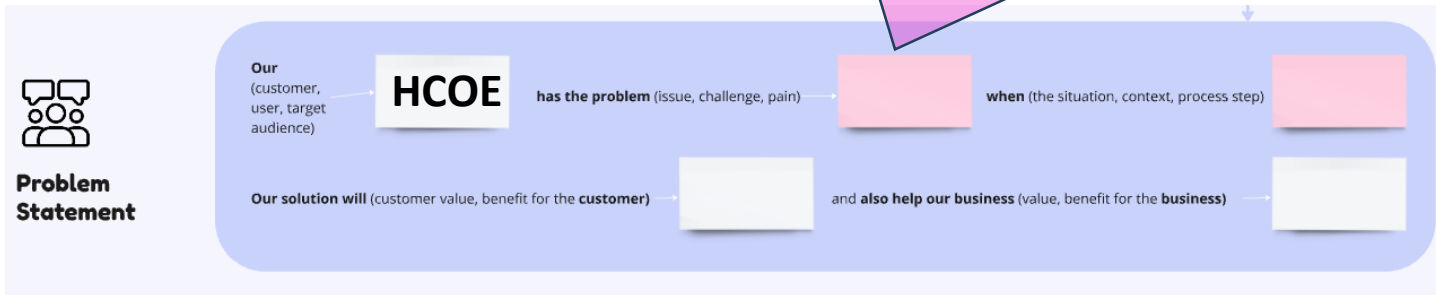# SimQuery

SimQuery

Journalism Verification Tool

Journalists and content creators need a system to verify the accuracy of information before publishing. The system should check if the content is supported by the already validated data (Ground Truth).

1. **To query** a ground truth database (GT) in order to retrieve information using natural language. The result of the query can be actual relevant data stored in the GT or it can be generated content using data summarization or other techniques.
2. **To identify** if a piece of information is supported by the GT. The **support** detection process should allow for the system to automatically detect ground truth information which supports a certain piece of information.
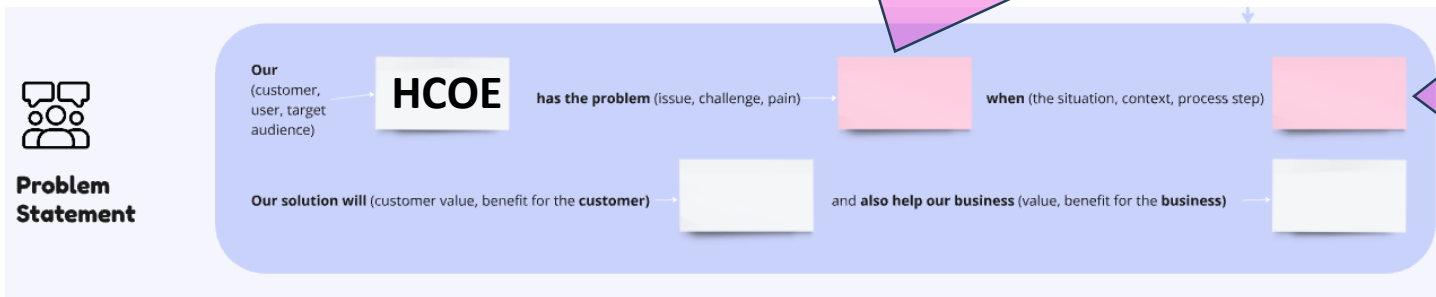

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Ground Truth represents a public data considered as being the correct and comprehensive representation of a certain reality.

Piece of information is defined as a generic information (text) with no definite size and no definite content or ideas. It can be a fragment of a page, a page, a document or a collection of documents.

Support – definition – an information (text) supports another information (text) if there is a certain semantically similarity (topic similarity) and both information express the same idea(s).

Problem Statement

Our (customer, user, target audience) → HCOE → **has the problem** (issue, challenge, pain) → when (the situation, context, process step)

Our solution will (customer value, benefit for the **customer**) and **also help our business** (value, benefit for the **business**)
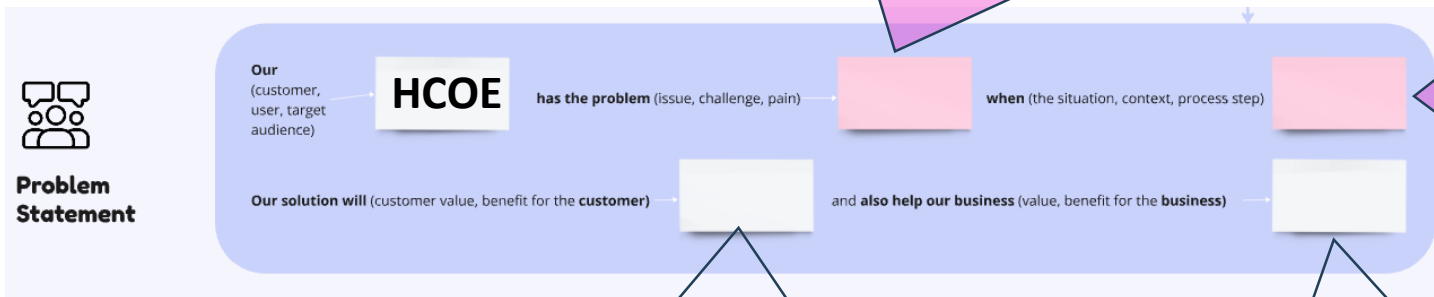
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Improve operational efficiency, fosters innovation, strengthens decision-making and gives organization a powerful tool for gaining insights from its data.

Facilitate collaboration between different domains by highlighting how ideas in one area may apply to another, fostering cross-functional innovation.

SimQuery

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Journalism Verification Tool

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