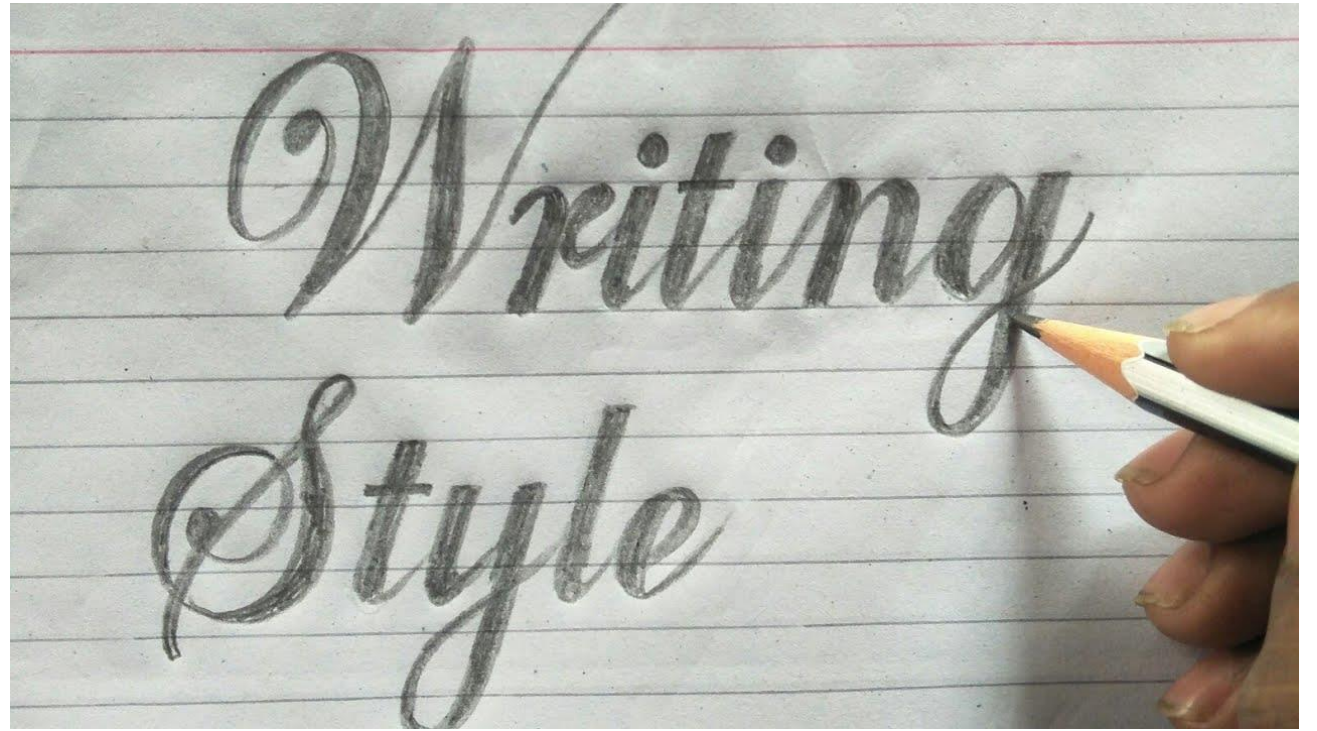




TSQS

Text Style Query System

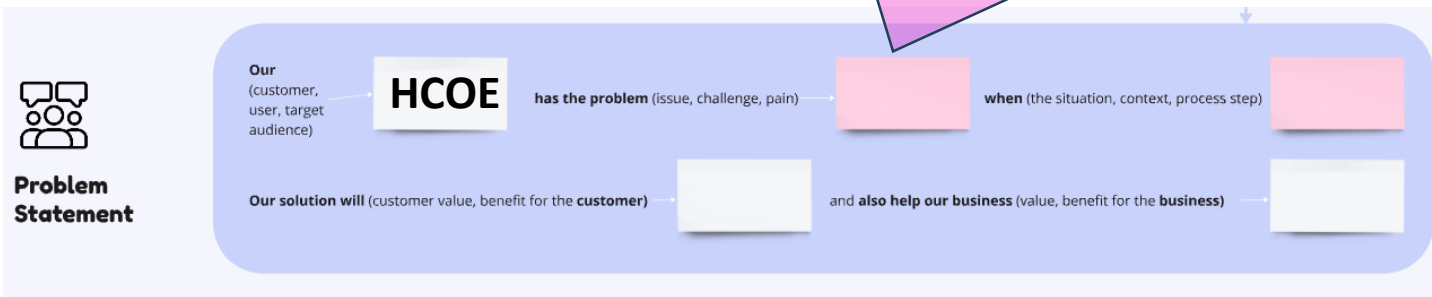
TSQS



Personalized Learning Assistant

Students need to ask questions and receive answers in a style that matches their preferred learning method. Such a system should also analyze their writing style and provide feedback to improve their academic writing.

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 and analyze** the **style** of a piece of information by itself and comparing with GT style(s). The style detection process should allow for the system to automatically detect ground truth information which has similar style with the piece of information.



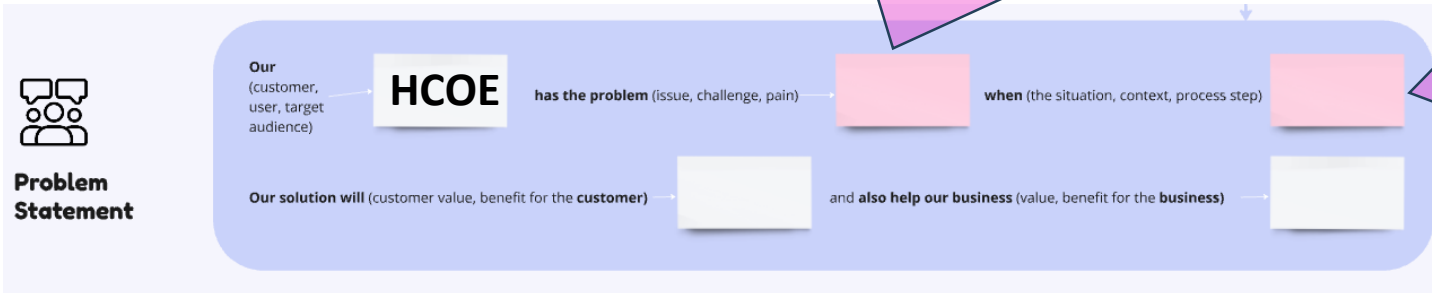
TSQS

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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.

Style refers to the distinctive linguistic patterns or characteristics that define how a text is written, as opposed to what is written (the content/ideas).



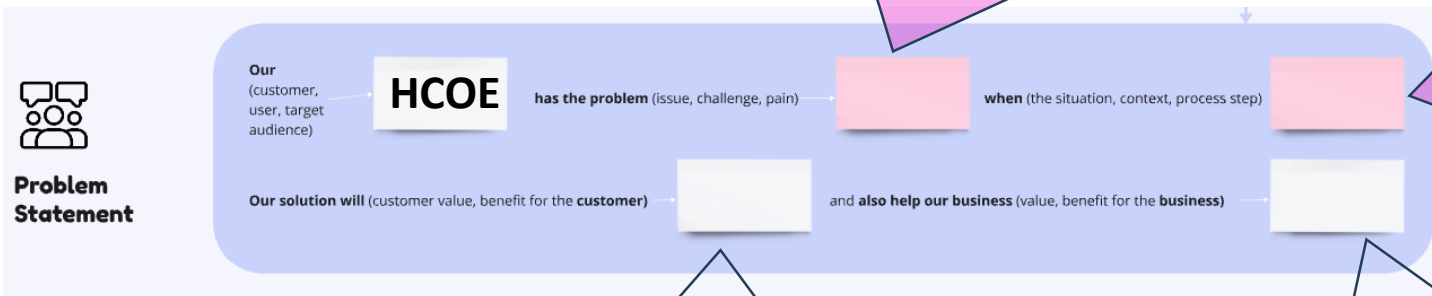
TSQS

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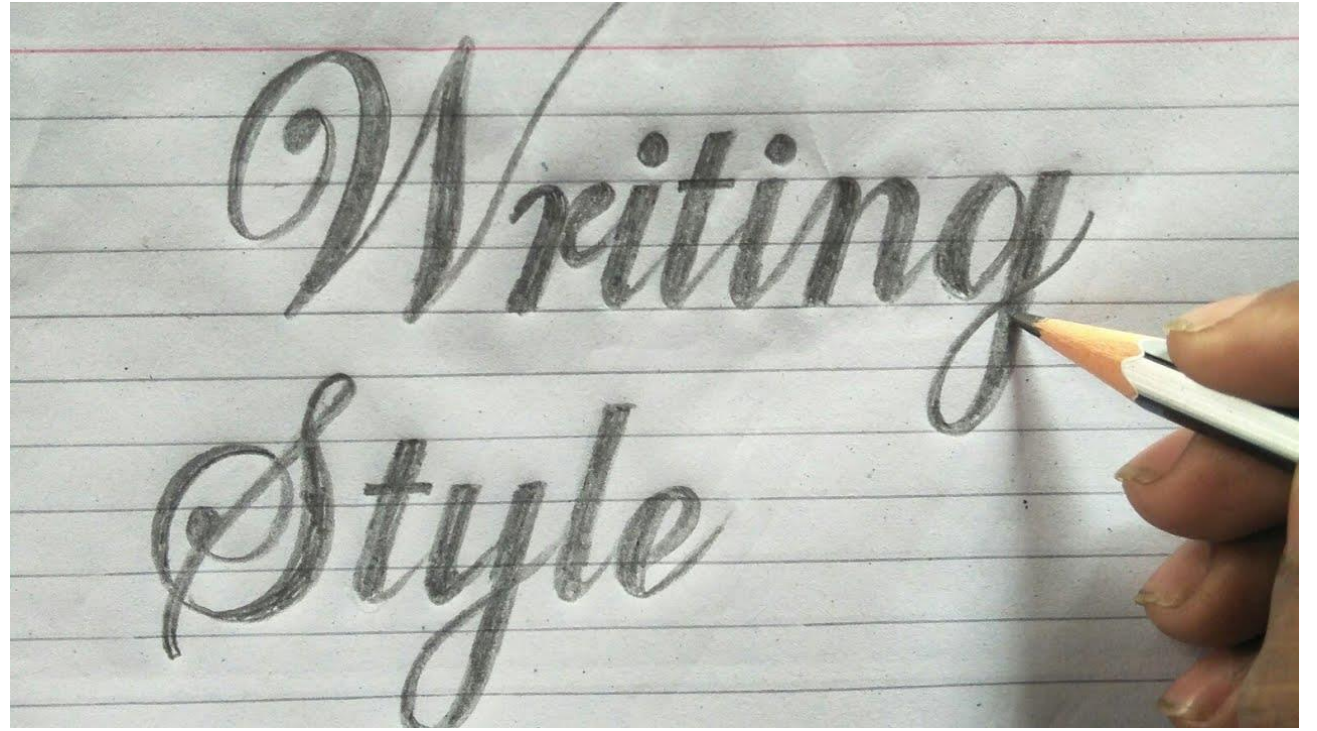


Improve operational efficiency, fosters innovation, data access, personalization, and security, while also fostering innovation and maintaining competitive edge

Ensure that communication with customers, both written and spoken, maintains a consistent tone and style, leading to a better customer experience.

TSQS

TSQS



Personalized Learning Assistant

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