

1. Semantic Importance Conceptual Model

2. Sequential Stream Reasoning Architecture

3. Semantic Importance Generalization and Benchmark Framework

Micro Problem: *How to model data importance and use the model to produce smart window management that remembers only the most important data for stream reasoning applications?*

Mezzo Problem: *How to enable smart window management to enhance stream reasoning applications?*

Macro Problem: *How to manage streaming data as input in stream reasoning applications?*