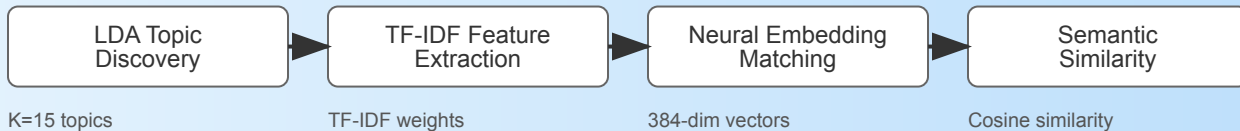
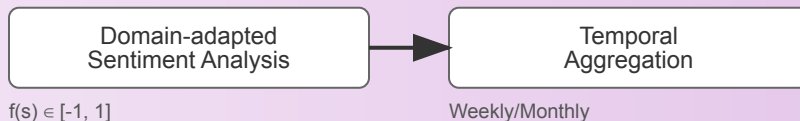


## Component 1: Data Preprocessing and Semantic Matching



## Component 2: Sentiment Analysis and Aggregation



## Component 3: Impact Evaluation Using Interrupted Time Series Analysis

