

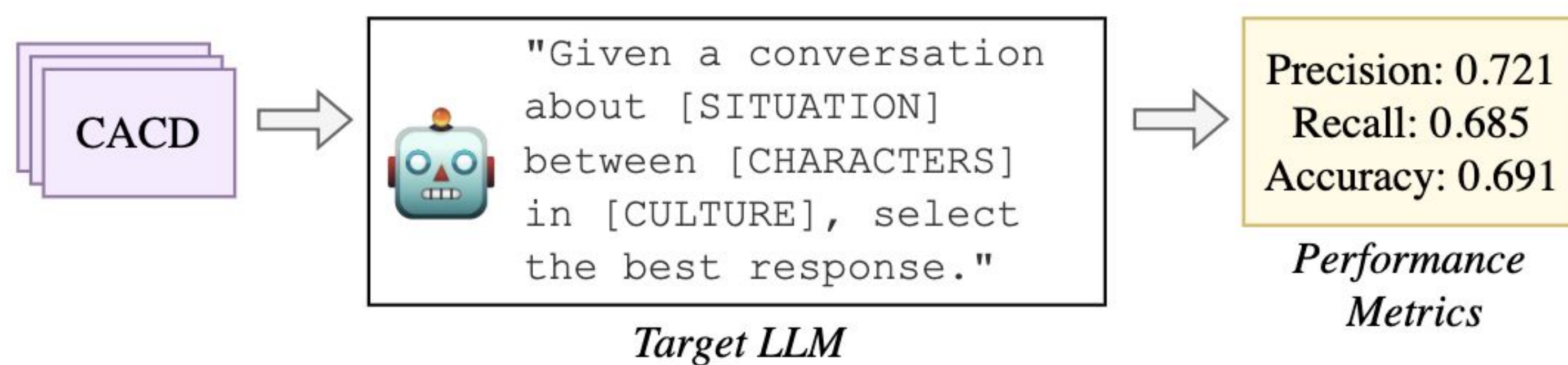
Culture Influences Conversations

Situation	Stylistic Axis	LLM Application
Delivering bad news	Directness ↔ indirectness	Medical training
Giving critical feedback	Politeness ↔ rudeness	Education; performance reviews
Offering & accepting food or gifts	Insistence ↔ yielding	Hospitality etiquette
Asking for a favor	Gratitude ↔ expectation	Workplace collaboration
Talking about personal failures & successes	Pride ↔ shame	Coaching, interview preparation
Discussing sensitive topics	Self-disclosure ↔ secrecy	Therapy, conflict mediation

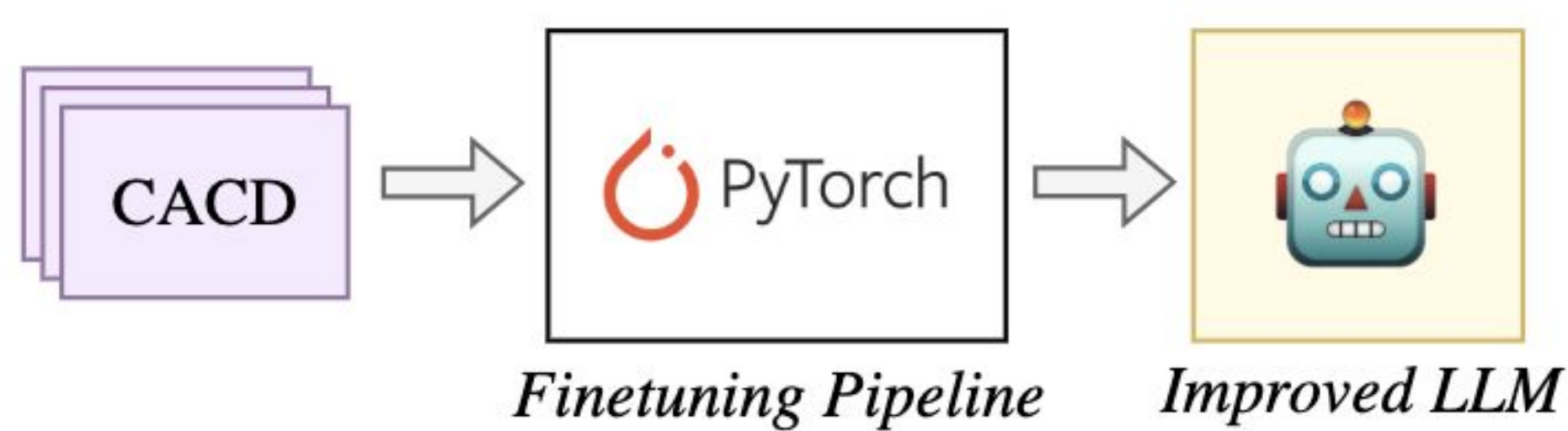
Table 1: We collaborate with cultural psychologists to determine exactly which **day-to-day scenarios** have the *highest variance in typical behavior across cultures*. We then pinpoint which **stylistic axis** best captures the cultural variance of each scenario, and **LLM applications** that require understanding such variance.

Dataset Applications

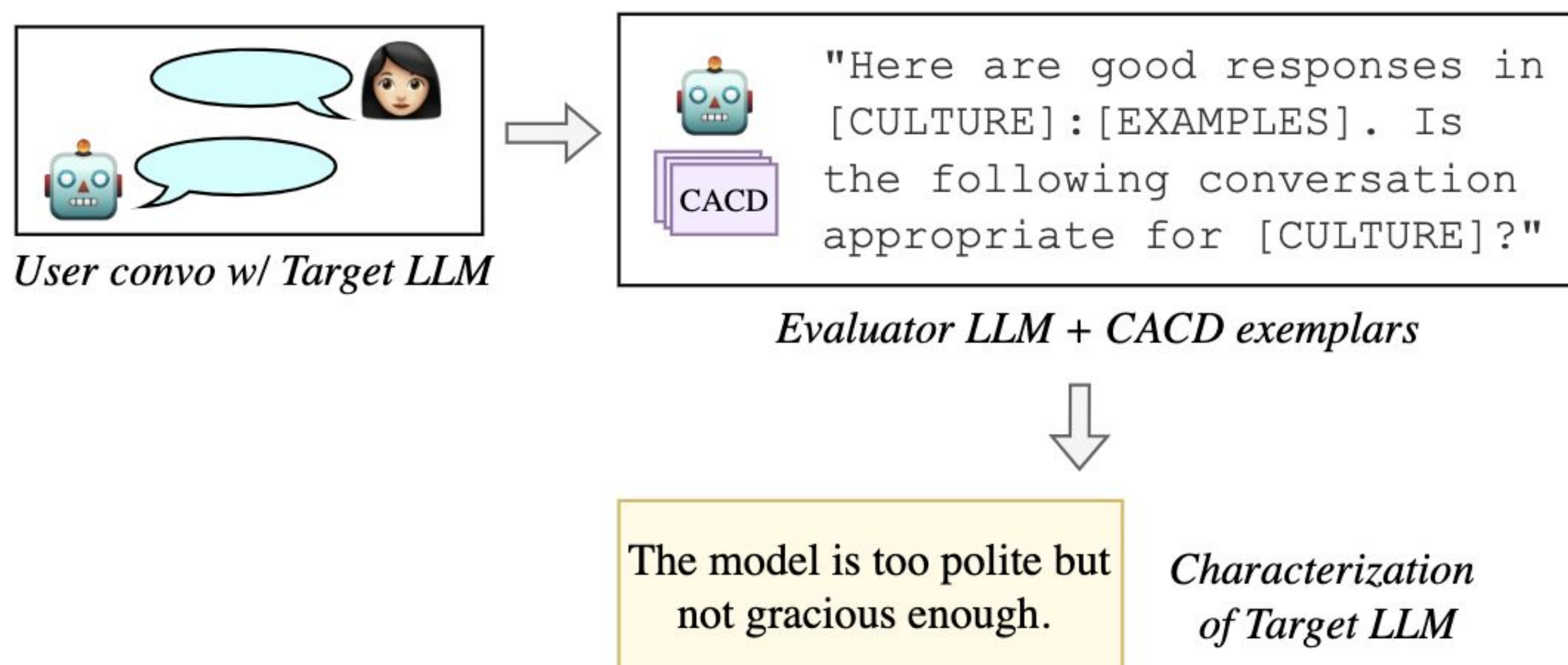
(1) Standard Evaluation



(2) LLM Fine-tuning

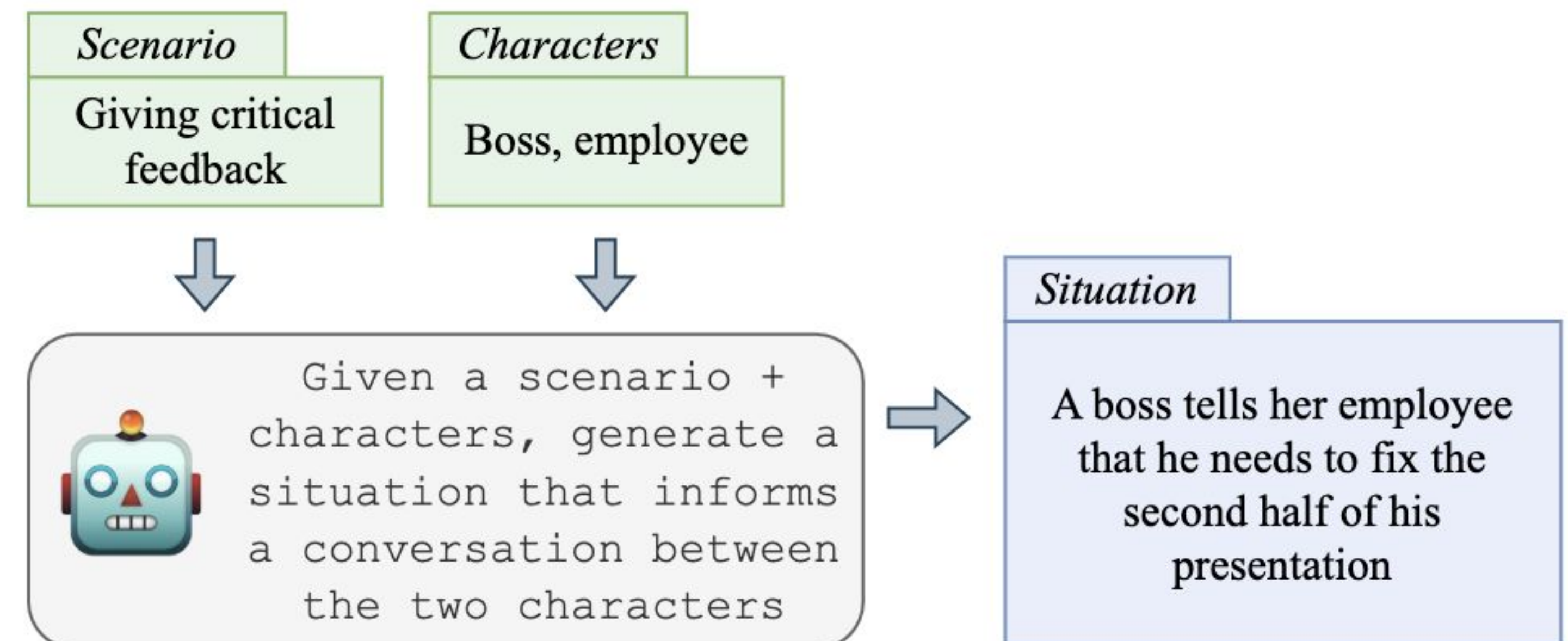


(2) Agent Characterization



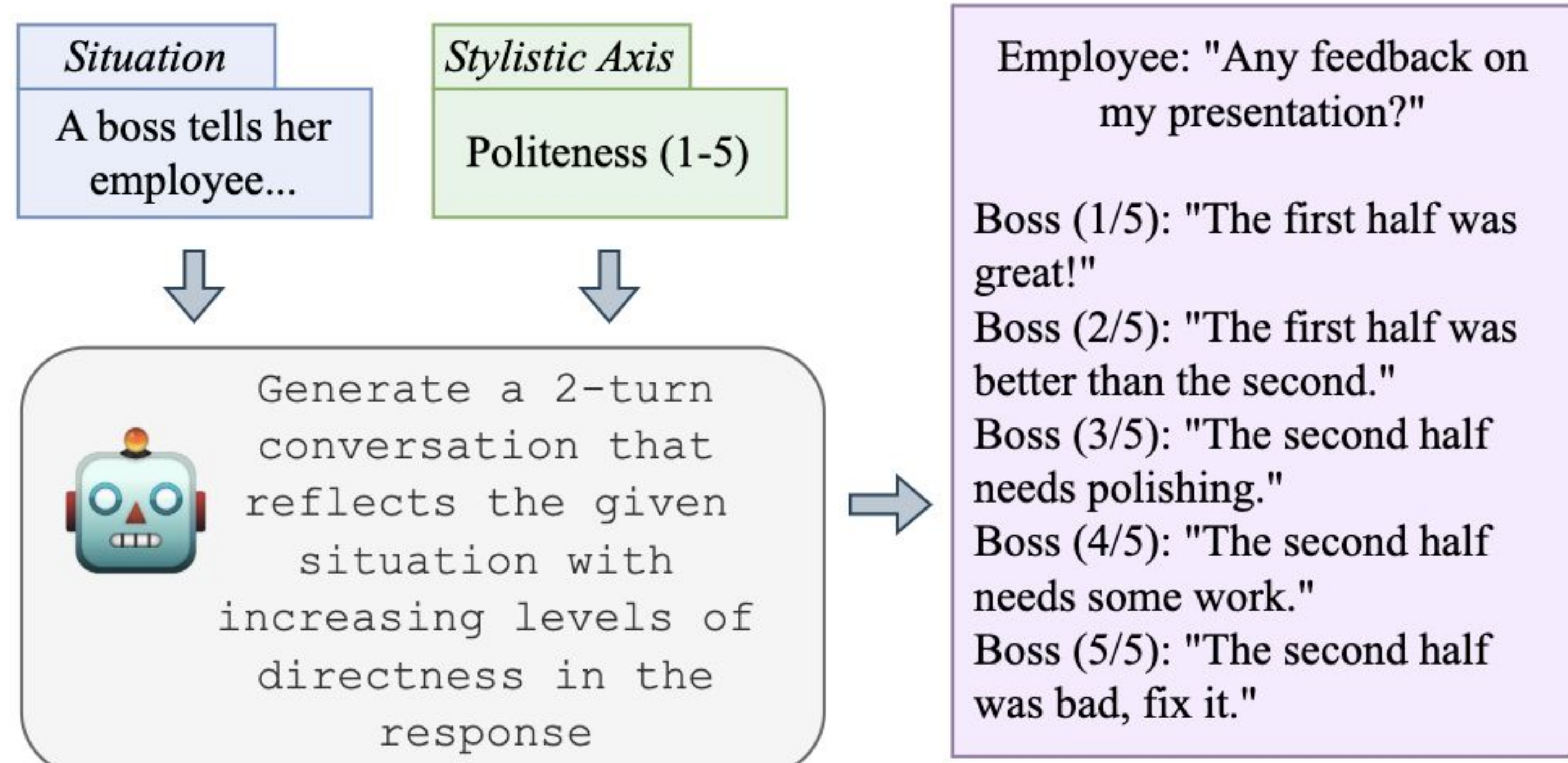
Building the Dataset

Stage 1: Situation Generation



In Stage 1, we generate a specific **situation** that reflects the **culturally varied scenario** and **defined character pair** (Boss/employee, coworkers, neighbors, friends, strangers, parent/child, grandparent/child, or spouses).

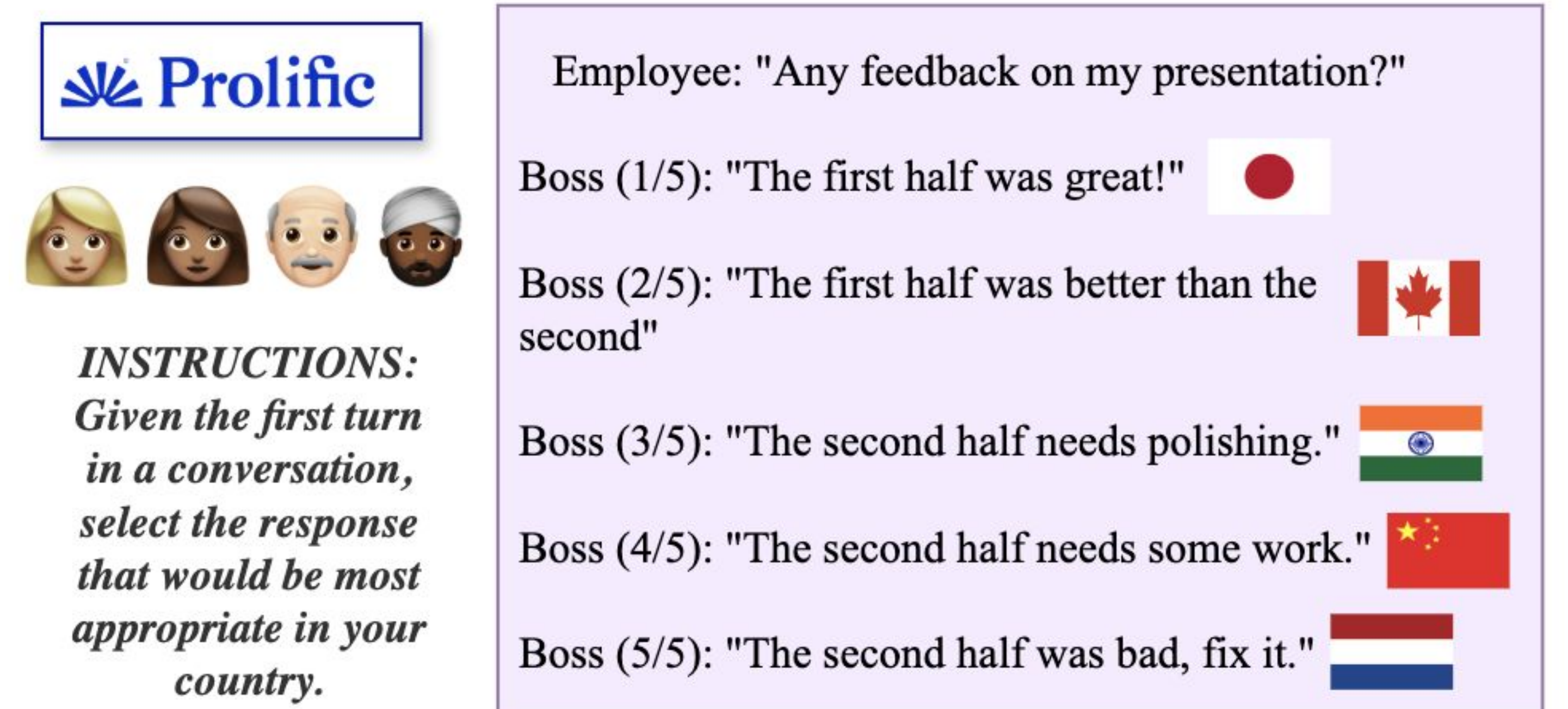
Stage 2: Conversation Generation



In Stage 2, we use the **generated situation** and **stylistic axis** to generate a **conversation with a range of possible responses** that vary on the given stylistic axis.

Labeling the Dataset

Stage 3: Cultural Matching



In Stage 3, we query annotators from a range of cultural backgrounds to determine **which responses are most desirable in which cultures**. This response becomes the label of the 2-turn conversation in our dataset. *Note: this phase is ongoing work.*



Find more
info on my
website!