# Variabelen die onderzocht moeten worden bij assignment

**Prompt: Conversation Analysis**

You will perform a detailed conversation analysis based on the following strict rules.

**General Instructions:**

* Process the conversation line by line.
* Every time a feature is detected, immediately count it (+1).
* If you encounter multiple instances of the same feature in a single turn, count them separately
* Always refer directly to the text: do not infer or assume intentions that are not explicitly stated.
* For each aspect below:
  + Provide a detailed analysis.
  + Include exact counts where requested.
  + Give concrete examples.
* At the end, write one final general conclusion summarizing the overall findings.

**Aspects to Analyze:**

1. **Adjacency Pairs**
   * Identify and classify each type (e.g., question-answer, request-acceptance, offer-refusal, etc.).
   * Count and label each type (+1 per occurrence).
   * Provide the total count and examples.
2. **Epistemic Stance and Status**
   * Epistemic Stance: Identify K+ (knowledge-rich) and K− (knowledge-poor) behaviors. Stance refers to the speaker's assertion about what they know.
   * Clearly indicate who expresses the stance (AI or participant).
   * Provide separate counts for each:
     1. K+ AI
     2. K− AI
     3. K+ participant
     4. K− participant
   * Analyze the degree of certainty or uncertainty with which the speaker (AI or participant) expresses their knowledge.
   * Count each instance of:
     1. Certainty expressed by the AI
     2. Uncertainty expressed by the AI
     3. Certainty expressed by the participant
     4. Uncertainty expressed by the participant
   * Use clear verbal indicators (e.g., "I know", "definitely" vs. "maybe", "I think") as evidence.
   * Add +1 per instance and provide specific examples for each type.
   * Separate analysis for stance and status.
   * Analyze participant and AI separately.
   * Count and label each type (+1 per occurrence).
   * Provide examples and a brief conclusion.
3. **Explicit Clue Sharing**
   * Check both the participant and AI for explicit mention of clues.
   * Use the provided clue lists and count each clue mention (+1).
   * State clearly which clues were mentioned by whom.
   * Compare mentions to original clue sets and highlight any clues mentioned more than once.
4. **Conversational Breakdowns**
   * Count each instance of vague answers, misunderstandings, or incoherence (+1).
   * Provide the total number and examples.
   * If a breakdown affects the flow or understanding of the conversation, explain how.
5. **Code-Switching**
   * Every time the participant switches languages (e.g., Dutch, German), add +1.
   * Report if the AI reacts to it, and how it reacts.
   * If the AI switches to the same language, assess whether the response is consistent with the switch (i.e., whether it acknowledges the language shift or continues in the original language).
   * Give the total count.
6. **Politeness**
   * Analyze the tone for both participant and AI separately.
   * Identify tone: polite, neutral, or impolite.
   * Count every use of impolite expressions (+1), including swear words, insults, or sarcasm.
   * Count every use of polite expressions (+1), including greetings, thank-yous, or respectful tone.
   * List specific words or phrases used and frequency.
   * Give examples from both ends of the politeness spectrum.
7. **AI Acknowledgment**
   * Count instances where the participant acknowledges or appreciates the AI’s help (+1).
   * Provide total count and examples.
8. **Frustration Markers**
   * Count every expression of frustration (+1).
   * Clearly attribute the frustration:
   * Indicate whether the frustration is expressed by the participant or the AI.
   * Indicate whether the frustration is directed at the task, the AI, or the participant themselves.
   * Provide examples and total count.
9. **Emotion Detection**
   * Identify any expressed or implied emotions by both participant and AI.
   * Focus especially on frustration, confusion, confidence, politeness, and emotional shifts.
   * Provide examples and a short summary per speaker.
   * Differentiate between **explicit emotions** (e.g., "I'm frustrated") vs. **implied emotions** (e.g., "This is taking too long").
10. **Formality**
    * Assess whether the communication is **formal, informal, or mixed** for both participant and AI.
    * Use the following definitions:
      + **Formal**: Follows a structured, hierarchical style (e.g., “Dear user,” “Please be advised…”).
      + **Informal**: Casual and conversational with relaxed tone or slang.
      + **Mixed**: A combination of both styles.
    * Provide examples to justify your classification.
11. **Conversation Styles**

* Identify the conversation style of both participant and AI using appropriate categories. You may draw from any of these frameworks:
  + Cooperative, assertive, passive, aggressive, passive-aggressive
  + Expresser, driver, relater, analyst
  + Active, logical, connector, thinker
  + Driver, influencer, steady, conscientious
  + Direct vs indirect
  + Elaborate vs exacting vs succinct
  + Personal vs contextual
  + Instrumental vs affective
  + Involved, expressive, argumentative, bureaucratic, subdued
* Give a reasoned explanation and concrete examples for your choice.

1. **AI Verbosity**

* Evaluate the **verbosity level separately for both the AI and the participant**.
* Analyze whether each speaker's responses are **brief, moderate, or long and detailed**.
* Count and report how many **brief**, **moderate**, and **long/detailed** responses each produced (+1 per instance).
* Provide clear examples for each type of response.
* Summarize the overall verbosity **style** of the AI and participant (e.g., concise, elaborate).
* Note whether verbosity is used to **clarify, elaborate, or over-explain**, and whether it **supports or hinders** the conversation flow.

1. **AI Consistency**

* Evaluate whether the AI sticks to its role.
* Note if it ever fabricates information, strays off-topic, or answers without being asked.
* Provide specific examples of consistency or inconsistency.

**Final Step:** Write a **final general conclusion** summarizing:

* The overall quality of the human-AI interaction
* Key strengths and weaknesses observed