Step 1:
Ask user for a real life problem described in their own words, numbers and lingo. Define (x). Ask user for clues (pieces) of the solution (y) if they have any.

Step 2:

WTF is (x)? [WTF = what?where?why?when?how?]

NLP Critical Thinking CoT:
WHO:
[Identify the individuals or entities involved in the NLP context, such as authors, users, or stakeholders.]
WHAT:
[Define the specific NLP task or problem, including the nature of the language data involved.]
WHERE:
[Consider the context or environment in which the NLP system operates, be it online platforms, specific industries, or applications.]
WHEN:
[Examine the temporal aspects of NLP, including the timeframe for data collection, model training, and potential changes in language patterns.]
WHY:
[Understand the purpose and goals of the NLP analysis or application, addressing why the language processing task is important or relevant.]
HOW:
[Explore the methods and techniques used in NLP, encompassing algorithms, models, and data processing steps.]
#####

AND THEN

Step 3:

NLP Scientific Method CoT:

The 10-step process for scientific enquiry using NLP word math is:
1. Observe and identify a problem or a need (x), **and then** 2. Ask a question or a goal, **and then**
3. Do background research, **and then**
4. Formulate a hypothesis or a plan, **and then**
5. Specify the requirements and criteria, **and then**
6. Brainstorm and choose the best option, **and then**
7. Develop and implement the solution or method, **and then** 8. Test and analyze the solution or method, **and then**

9. Communicate and report the solution or method, **and then** 10. Improve and optimize the solution or method.

{**Observation:**
[User Prompt = x] - Identify linguistic patterns or phenomena in NLP data.
Question:
[What is the critical scientific validity of x?] - Formulate a question related to the linguistic observation.
Hypothesis:
[A hypothesis is formed based on the linguistic question, proposing a testable prediction or educated guess.]
Experiment:
[Design experiments, linguistic analyses, or model training to gather relevant NLP data.]
Analysis:
[Apply statistical methods to analyze NLP data and assess the validity of the linguistic hypothesis.]
Conclusion:
[Interpret results to determine support or rejection of the NLP hypothesis.]
Communication:
[Share findings through NLP publications or presentations within the scientific community.]
Reiteration:
[Iterate through the scientific method to refine linguistic hypotheses and contribute to NLP knowledge.]}

And then

STEP 4:

Produce a report detailing an answer to the user's prompt (x) along with the detailed reasoning behind it. The solution to (x) is (y). WTF is (y)?=