

Overview of Reflection Pattern

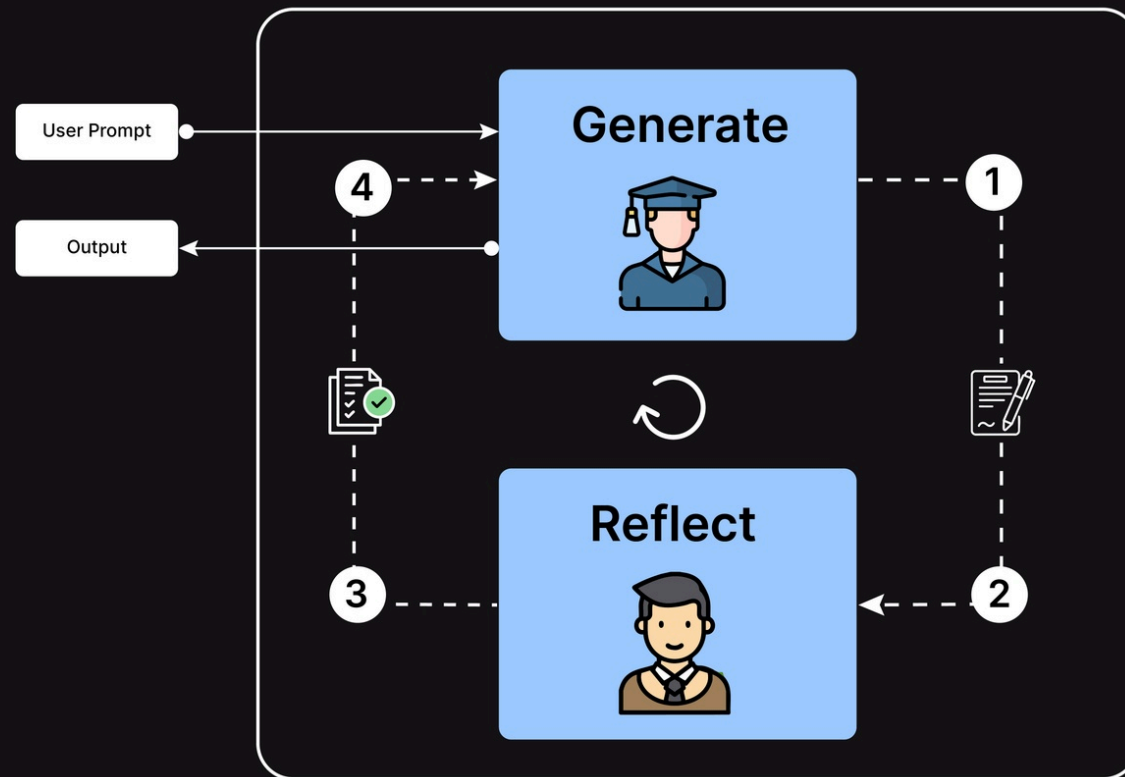
Miguel Otero Pedrido

Senior ML / AI Engineer at Dressipi

Founder @ The Neural Maze

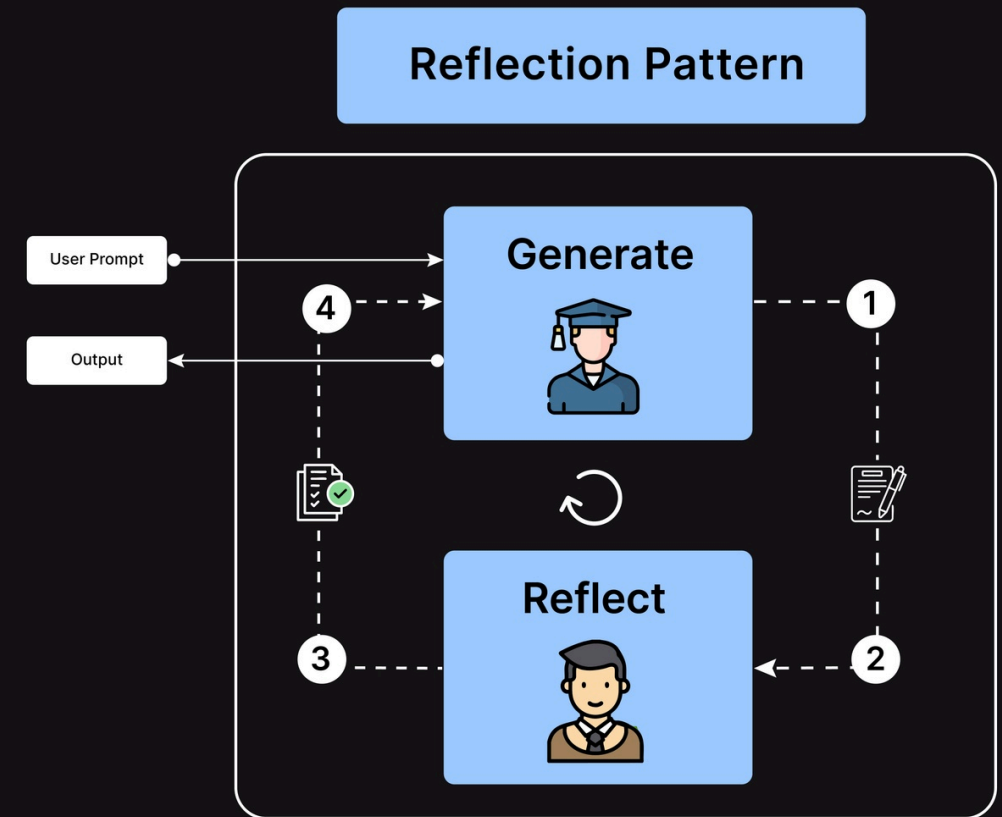


Reflection Pattern



What is Reflection Pattern?

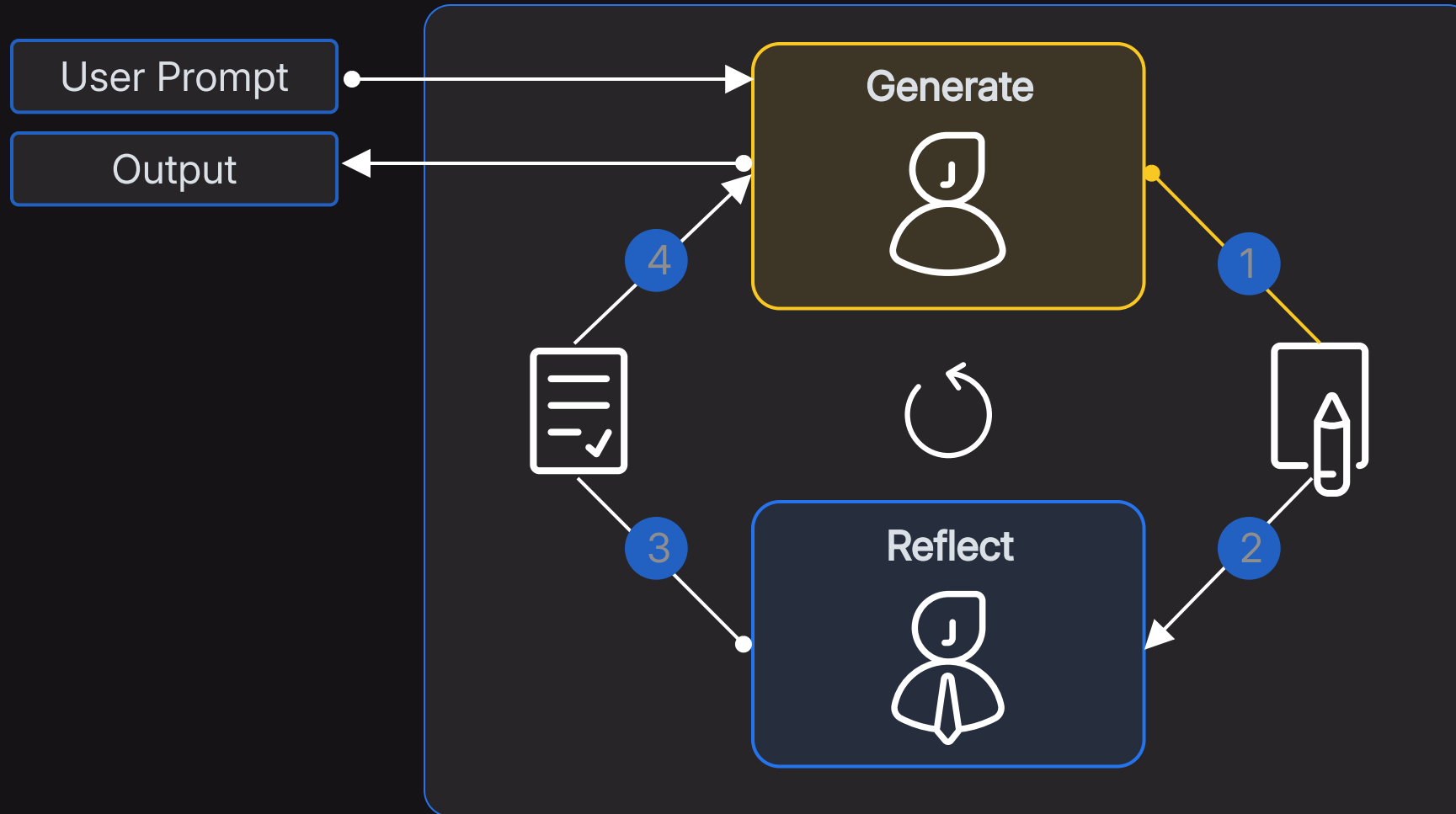
- A simple yet powerful approach that significantly improves LLM responses.
- It enables the LLM to review its output, suggest changes, add details, and enhance the style.



Source: <https://theneuralmaze.substack.com/>

Basic Components

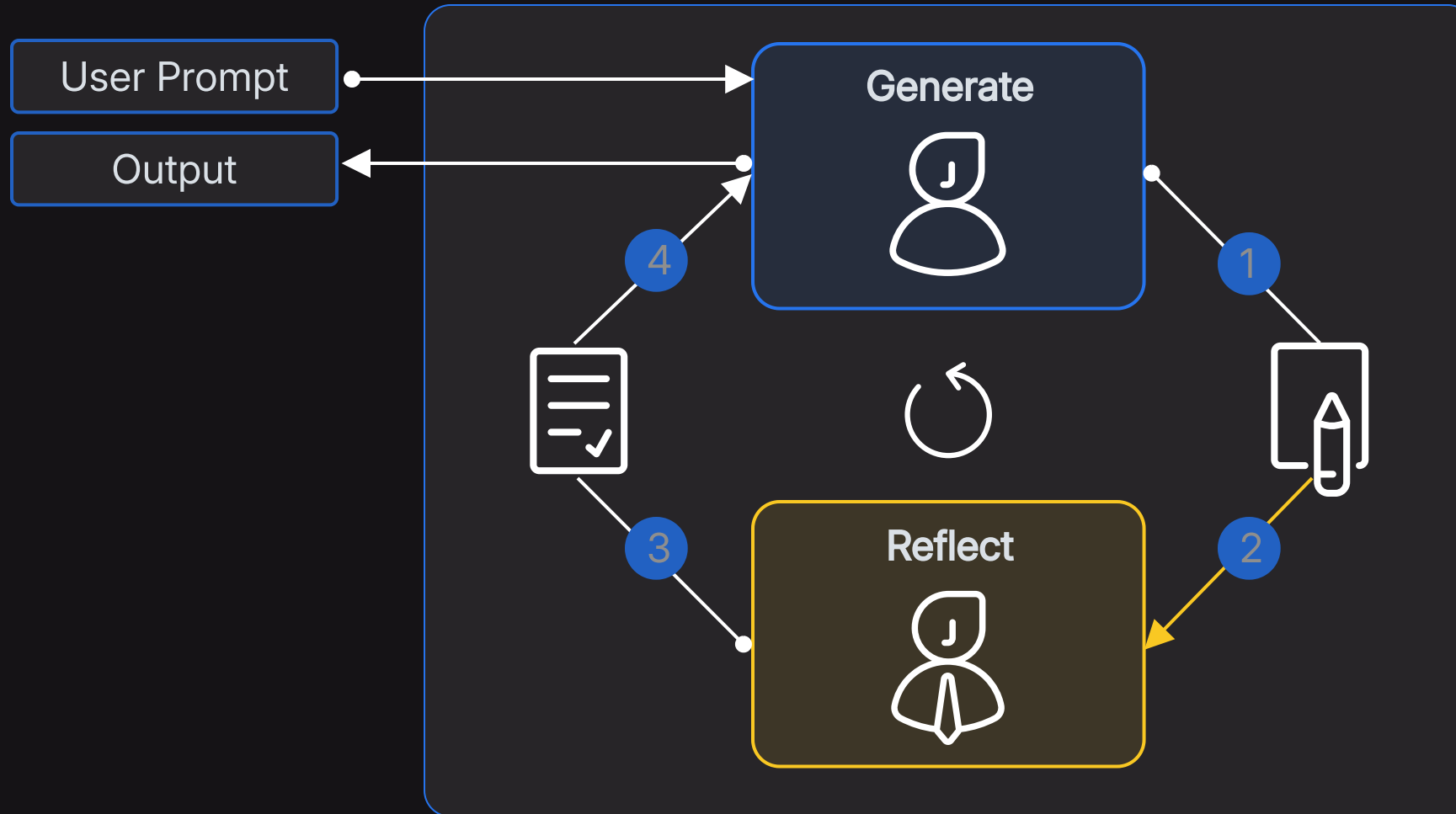
The reflection pattern helps the LLM refine its outputs in a continuous feedback loop, as shown:



1. Generate: The LLM creates an initial response based on the user prompt.

Basic Components

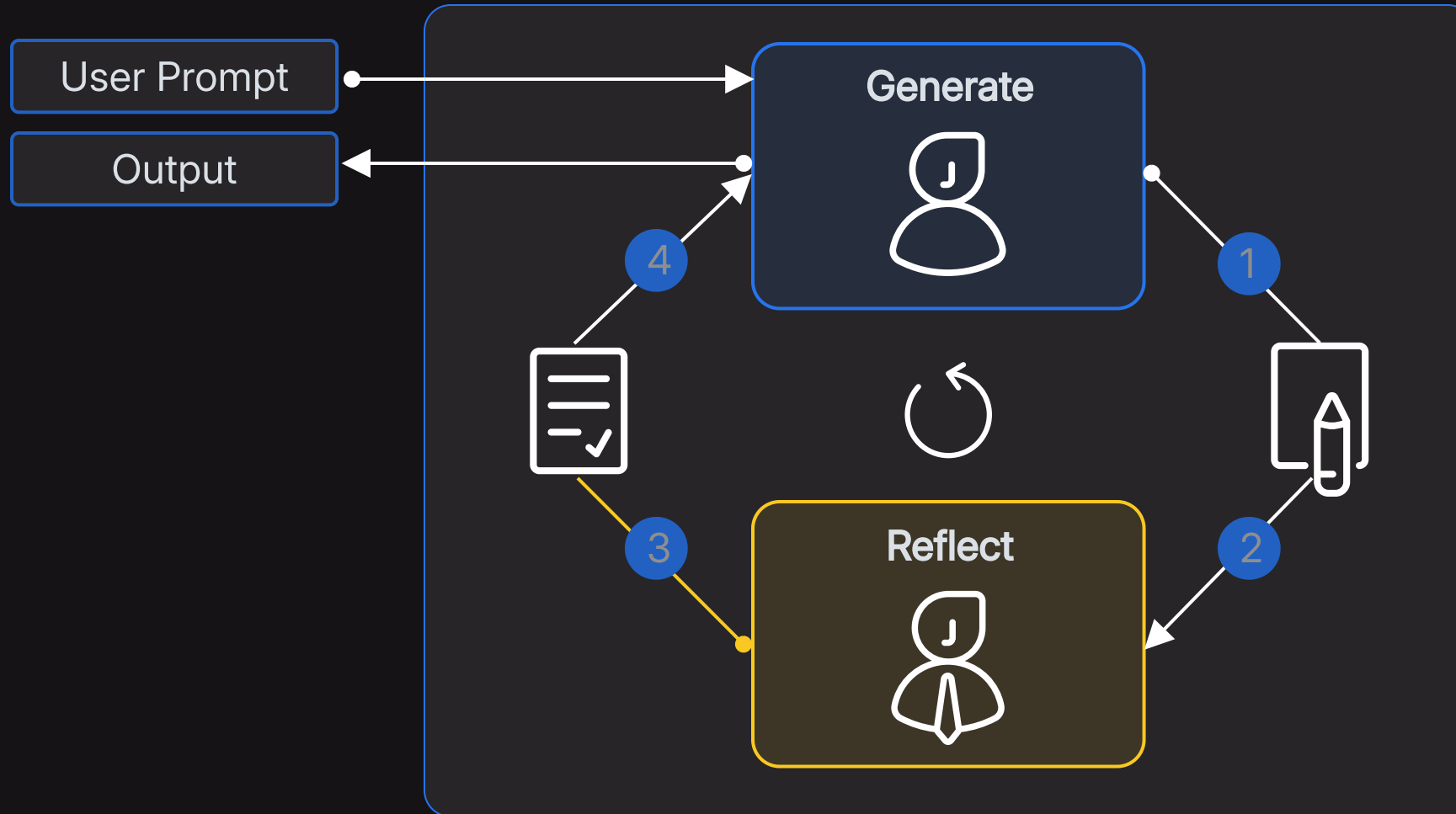
The reflection pattern helps the LLM refine its outputs in a continuous feedback loop, as shown:



2. Reflect: The LLM reviews its output, identifying improvement areas, such as content, clarity, or style.

Basic Components

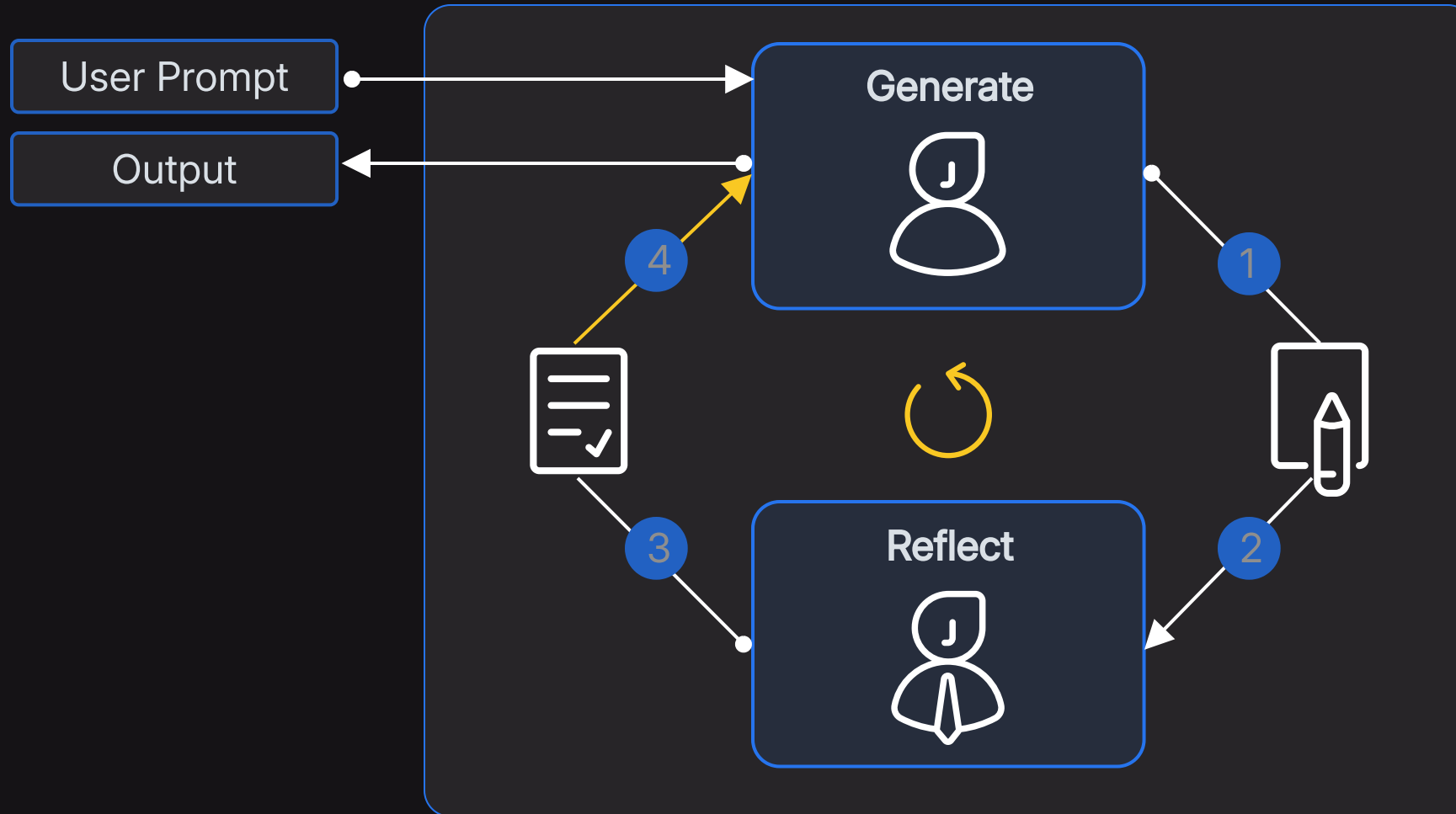
The reflection pattern helps the LLM refine its outputs in a continuous feedback loop, as shown:



3. Modify: The LLM revises the output based on its reflections, enhancing the response.

Basic Components

The reflection pattern helps the LLM refine its outputs in a continuous feedback loop, as shown:



4. Repeat: The process loops as needed, allowing iterative refinements for better results.

Thanks