

System and Method for Processing Language Model Outputs Using Quantum Computing

Abstract

In a described embodiment, a system for data processing is provided including a classical data interface configured to receive data from a classical computing environment. The system further includes a data encoding module configured to encode the received data into a format compatible with a quantum computing environment. A quantum processing module within the quantum computing environment is configured to process the encoded data. A communication interface is configured to transfer the encoded data to the quantum computing environment and retrieve the processed data from the quantum computing environment. A data decoding module is further configured to decode the processed data into a format compatible with the classical computing environment.

FIG. 1