Strategy Prompt

Design a scoring function to evaluate the pre-deployed microservices for each edge server. At each step, the edge server deploys the microservice with the highest score, aiming to let the edge servers handle as many corresponding tasks as possible.

Please write a Python function named score that takes two inputs: 'ES' and 'PDM'. The function should return one output: 'PDMS'

"ES" represents the detailed information of the edge server stored, including the geographical "location" (includes the longitude and the latitude), "radius" (indicates the coverage radius), "resource" (represents existing resources), and "ADM" (include already-deployed microservices). "PDM" represents the pre-deployed microservices of above edge server, including "locations" (longitude and latitude of user requests), "M" (microservice indices), "A" (pending assignment indices), and "MC" (the consumption of microservices).
"PDMS" represents the sequence obtained by sorting PDM in descending order of scores.

ES, PDM and PDMS are of dictionary type......

Mutation Prompt

Design a scoring function to evaluate the pre-deployed microservices for each edge server. At each step, the edge server deploys the microservice with the highest score, aiming to let the edge servers handle as many corresponding tasks as possible.

I have an existing algorithm with its code as follows
algorithm description:......
code:......

Please help me create a new algorithm that combines the strategic ideas {Mi} obtained from the strategy set and is completely different in form from the given algorithm. Describe your new algorithm and its main steps in one sentence. The description must be enclosed in {}.