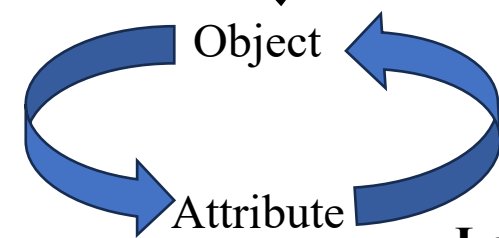


## Interaction



Please describe this image.

The image features a snowy mountain slope with a person skiing down the hill. The skier is wearing a red jacket and is making their way down the mountain. As the skier gracefully maneuvers down the mountain, a **car** parked at the base awaits their return. Meanwhile, a **dog** bounds alongside the skier, its excitement mirroring the joy of its human companion.

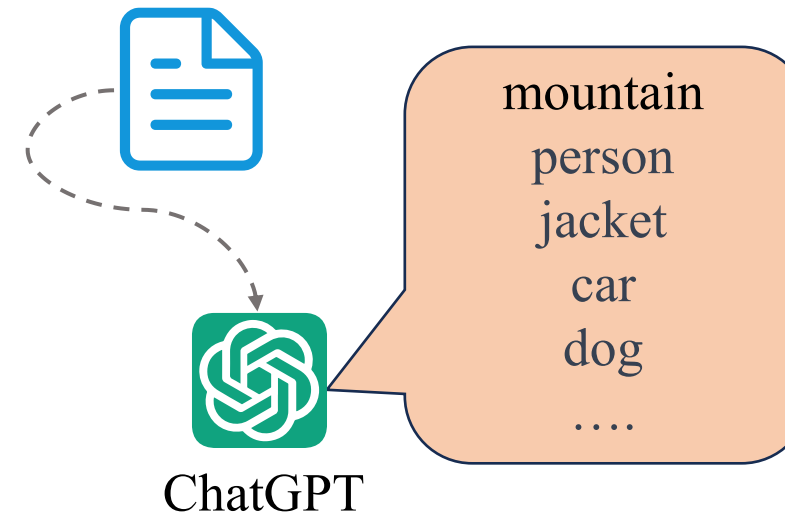


Logical Closed Loop

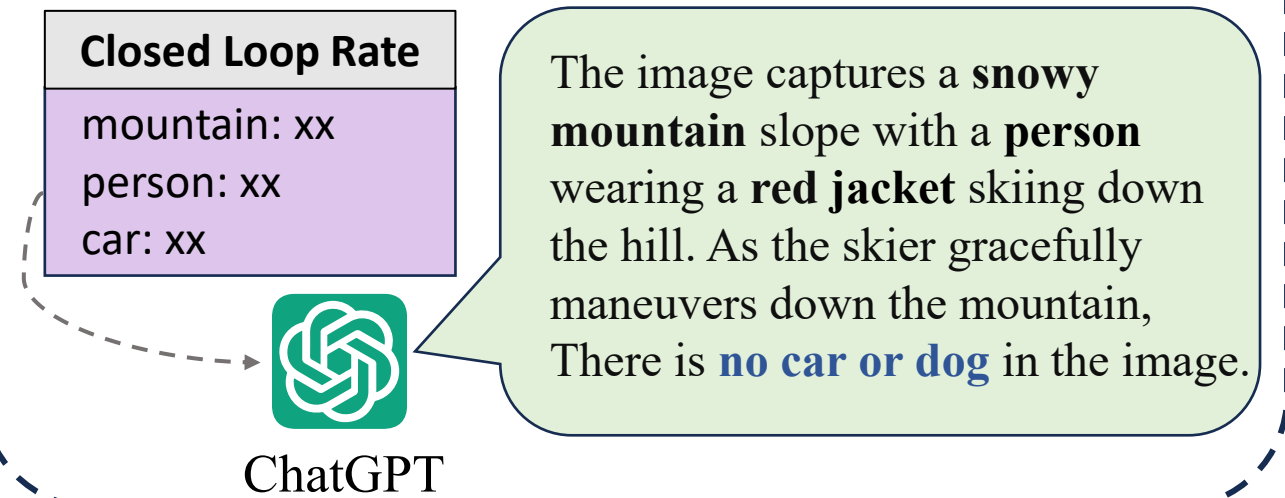
The image captures a **snowy mountain** slope with a **person** wearing a **red jacket** skiing down the hill. As the skier gracefully maneuvers down the mountain, There is **no car or dog** in the image.

## Logical Closed Loop for Hallucination Detection and Mitigation

### Object Extraction



### Hallucination Detection and Mitigation



### Object-to-Attribute Inquiring

Describe the car in the image.

The car is red.  
It is with its doors open.  
It is parked near the edge of a mountain.  
...

### Attribute-to-Object Inquiring



ChatGPT

Tell me all the objects that are red in the image?

A red ski pants and a red jacket.

### Logical Closed Loop Checking

