Possible improvements:

- It would be beneficial to increase the amount of training data. It is often
 advantageous to expand the dataset for machine learning models. By
 incorporating a greater variety of examples, including sentences with multiple
 mountain names or ambiguous cases, the model can enhance its generalization
 capabilities and improve its accuracy in recognizing mountain names in
 diverse contexts.
- 2. It would be beneficial to explore alternative NER model architectures. While the current solution employs a roBERTa-based model, exploring alternative architectures, such as BERT, BiLSTM-CRF, may yield enhanced performance. Each architecture has its own strengths, and comparing them might reveal improvements in precision and recall.
- 3. Optimize training parameters: Tuning parameters like the number of epochs, batch size, max steps, and evaluation frequency can lead to performance gains. A systematic search through these parameters using techniques like grid search or random search may help identify an optimal configuration that boosts the model's accuracy and efficiency.