Validating Continents Boolean Filter

Question:

Your colleague has informed you that the data on unemployment from countries in Oceania is not reliable. You need to identify and exclude these countries from your unemployment data. Use .isin() to identify non-Oceania countries and filter them.

Explanation of the Question:

This task involves filtering out rows with the value 'Oceania' in the 'continent' column using the .isin() method and Boolean indexing. The objective is to prepare a clean dataset excluding unreliable records from Oceania.

Answer:

- # Define a Series describing whether each continent is outside of Oceania not_oceania = ~unemployment['continent'].isin(['Oceania'])
- # Print unemployment without records related to countries in Oceania print(unemployment[not oceania])

Explanation of the Answer:

The code creates a Boolean Series using .isin() to mark rows where 'continent' equals 'Oceania'. The \sim operator inverts this to identify non-Oceania rows. Boolean indexing is then applied to filter and display the dataset excluding Oceania.