**Visualizing USA Medal Counts by Edition: Line Plot**

Your job in this exercise is to visualize the medal counts by 'Edition' for the USA. The DataFrame has been pre-loaded for you as medals.

**INSTRUCTIONS**

* Create a DataFrame usa with data only for the USA.
* Group usa such that ['Edition', 'Medal'] is the index. Aggregate the count over 'Athlete'.
* Use .unstack() with level='Medal' to reshape the DataFrame usa\_medals\_by\_year.
* Construct a line plot from the final DataFrame usa\_medals\_by\_year.

# Create the DataFrame: usa

usa = medals[medals.NOC == 'USA']

# Group usa by ['Edition', 'Medal'] and aggregate over 'Athlete'

usa\_medals\_by\_year = usa.groupby(['Edition', 'Medal'])['Athlete'].count()

# Reshape usa\_medals\_by\_year by unstacking

usa\_medals\_by\_year = usa\_medals\_by\_year.unstack(level='Medal')

# Plot the DataFrame usa\_medals\_by\_year

usa\_medals\_by\_year.plot()

plt.show()