import pandas as pd

import matplotlib.pyplot as plt

data = {

'Category A': [4, 7, 1, 8, 5],

'Category B': [5, 2, 8, 3, 6],

'Category C': [7, 5, 3, 4, 9]

}

index = ['Item 1', 'Item 2', 'Item 3', 'Item 4', 'Item 5']

df = pd.DataFrame(data, index=index)

# Side-by-side bar plot

ax1 = df.plot(kind='bar', figsize=(10, 6))

ax1.set\_xlabel('Items')

ax1.set\_ylabel('Values')

ax1.set\_title('Side-by-Side Bar Plot')

plt.xticks(rotation=0)

plt.show()

# Stacked bar plot

ax2 = df.plot(kind='bar', stacked=True, figsize=(10, 6))

ax2.set\_xlabel('Items')

ax2.set\_ylabel('Values')

ax2.set\_title('Stacked Bar Plot')

plt.xticks(rotation=0)

plt.show()