Code:

import pandas as pd

df = pd.read\_csv("weekly\_temperatures.csv", parse\_dates=["Date"])

df['Month'] = df['Date'].dt.month

monthly\_sum = df.groupby(['City', 'Month'])['Temperature'].sum().reset\_index()

pivot\_table = monthly\_sum.pivot(index='City', columns='Month', values='Temperature').fillna(0)

summer\_months = [6, 7, 8]

pivot\_table['Summer\_Total'] = pivot\_table[summer\_months].sum(axis=1)

max\_city = pivot\_table['Summer\_Total'].idxmax()

max\_value = pivot\_table['Summer\_Total'].max()

print("Month-wise Temperature Summary (Total per City):")

print(pivot\_table)

print("\n City with Highest Total Summer Temperature:")

print(f"{max\_city} with {max\_value:.2f} total temperature in summer months.")  
  
Output:

