

## Temperature Data Analysis

### Task Description:

1. Read the 'weather.csv' file into a DataFrame named 'weather'.
2. Select the temperature columns ('TMIN', 'TAVG', 'TMAX') and print their summary statistics.
3. Create a box plot of the temperature columns.
4. Display the plot.

### Code Solution:

```
# Read 'weather.csv' into a DataFrame named 'weather'
weather = pd.read_csv('weather.csv')

# Select the temperature columns and print their summary statistics
print(weather[['TMIN', 'TAVG', 'TMAX']].describe())

# Create a box plot of the temperature columns
weather[['TMIN', 'TAVG', 'TMAX']].plot(kind='box')

# Display the plot
plt.show()
```

### Code Explanation:

1. The line 'weather = pd.read\_csv('weather.csv')' reads the CSV file named 'weather.csv' into a DataFrame called 'weather'.
2. The line 'print(weather[['TMIN', 'TAVG', 'TMAX']].describe())' selects the columns 'TMIN', 'TAVG', and 'TMAX' from the DataFrame and prints their summary statistics using the describe() method.
3. The line 'weather[['TMIN', 'TAVG', 'TMAX']].plot(kind='box')' creates a box plot for the selected columns.
4. The line 'plt.show()' displays the box plot.