

New Jersey Weather

- In this activity you will visualize the differences between temperature recorded in degrees Fahrenheit versus degrees Celsius.

Instructions

- Using the following data, plot the monthly averages for temperature in New Jersey in both degrees Fahrenheit and degrees Celsius.
 - Average temperature per month in Fahrenheit: 39, 42, 51, 62, 72, 82, 86, 84, 77, 65, 55, 44.
- Assign to the x-axis a range of numerical values representing each month of the year.
- Plot the degrees Fahrenheit points.
- Use a list comprehension to convert the temperature to degrees Celsius.
 - The formula for conversion is: $C = (F - 32) * 0.56$. Where C is degrees Celsius and F is degrees Fahrenheit.
- Plot the degrees Celsius points.
- Create a third plot with both the degrees Fahrenheit and degrees Celsius points.

Hint:

- See the [Matplotlib documentation \(https://matplotlib.org/2.0.2/index.html\)](https://matplotlib.org/2.0.2/index.html) for more information regarding the Pyplot library.
- Also look into the [NumPy documentation \(https://docs.scipy.org/doc/numpy/reference/\)](https://docs.scipy.org/doc/numpy/reference/) for more information on the NumPy library.