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1. Make a plot that describes the relationship between Temperature (y) and Year (x) as informatively

Sebuah gambar berisi teks, software, Font, Laman internet

Deskripsi dibuat secara otomatis

Output:

Sebuah gambar berisi garis, Plot, diagram, teks

Deskripsi dibuat secara otomatis

1. as possible for the reader, based on the results of your analysis using Python library.results of your analysis using Python library.
   1. Sin (x), Cos (x), Sin(x) Cos(x)
      1. Sin(x)

Sebuah gambar berisi teks, cuplikan layar, Font

Deskripsi dibuat secara otomatis

* + 1. Sebuah gambar berisi teks, cuplikan layar, Font

       Deskripsi dibuat secara otomatisCos(x)



* + 1. Sebuah gambar berisi teks, cuplikan layar, Font

       Deskripsi dibuat secara otomatisSin(x) Cos(x)



* 1. Which produces less error for x=π/2: computing the Taylor expansion for sin and cos separately then multiplying the result together, or computing the Taylor expansion for the product first then plugging in x?
  2. same order of Taylor series to approximate cos (π/4) and determine the truncation error bound with Python code.

1. Use python code for get result using using Riemann Integral, Trapezoid Rule, and Simpson’s Rule.