

Imagry python home assignment type 23

Guidelines:

1. Solve the problem using your own knowledge, please don't use ChatGPT or some other type of AI assistant/generator.
2. Write nice code
3. Provide a working and runnable solution (we want to run the code without a hassle)
4. Zip the results (not RAR)
5. Assign the solutions to those emails:
 1. nikolay.chernuha@imagry.co
 2. E.Sweid@imagry.co

Question:

You have a CSV-like file attached to this document that looks as follows:

type;x1,y1;x2,y2;...xn,yn

where:

- type:
 - 1 = polyline
 - 2 = polygon
- xk,yk = coordinates of the vertices.

Please do following:

1. Acquire the data using OOP
2. Calculate area
3. Calculate length
4. Print the maximum values for the length and area for each type.