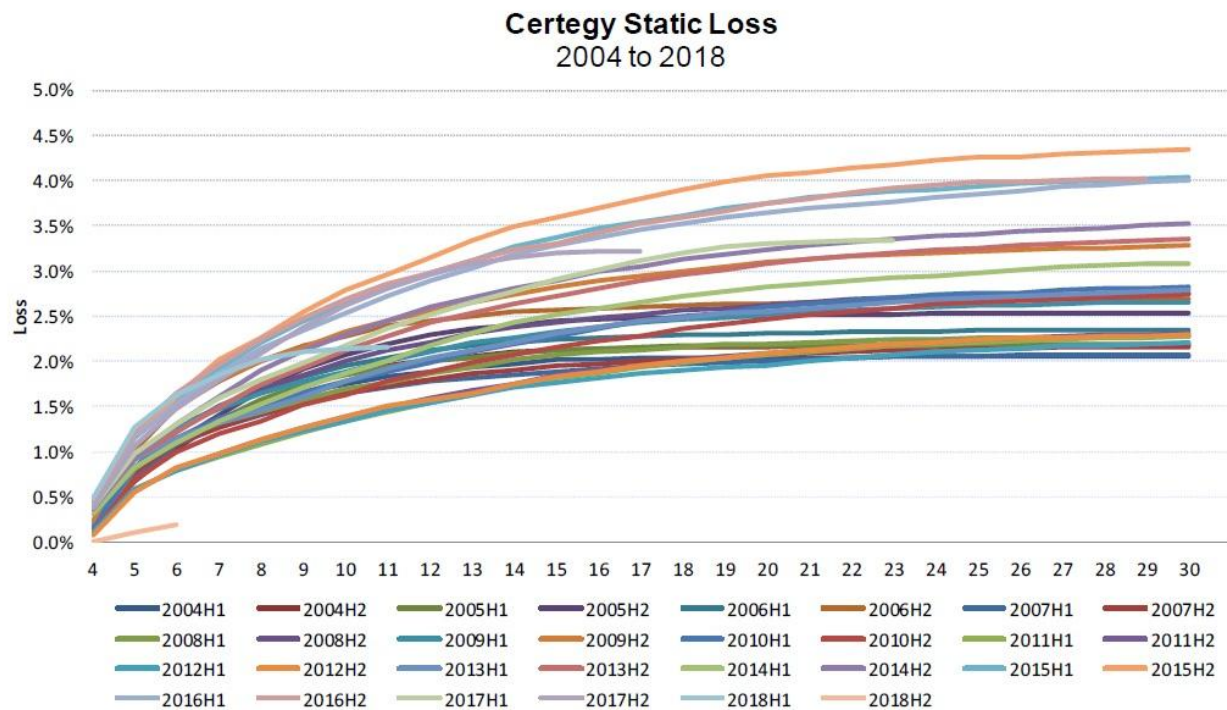




Applied Plotting, Charting & Data Representation in Python

Assignment - 1



URL : [Click Here](#)

Intended Audience:

There is no specific audience here but the people associated with and interested in the Certic Inc. and I think maybe the people of reddit at [r/dataisugly](https://www.reddit.com/r/dataisugly) as it is available there and open for skepticism and the people are providing alternatives how this should be visualized. I came across this visualization as I am long time user of reddit and I am subscribed to communities like this on reddit.

The component(s) of the visual that is/are misleading:

1. The colorful lines , the observer has no idea what they represent clearly/ efficiently.
2. The x-axis has no label so we don't know what its supposed to quantify.
3. It supposed to show loss from 2004 to 2008 , but we don't see the years as in which year had the most losses most probably because all we can focus on are colorful lines.

Identifying the mechanism that is Used:

1. Displaying too many parameters in the visualization .
2. Congested loss curves (lines) make it difficult to read.

How the mechanisms were used to mislead:

It is misleading because it fails to tell the story that was intended and hence it is open to multiple interpretations and/or no interpretation at all.

Optional: Describe any additional issues you found with visual that did not fall under Cairo's three misleading mechanisms:

1. Displaying too much data to obscure reality
2. Using graphic forms in inappropriate ways (distorting the data)

