



To Whom it May Concern,

This is to certify that Cainã Max Couto da Silva presented at PyData Global 2023 on 08 December, 2023. They presented a workshop titled "Introduction to Machine Learning Pipelines: How to Prevent Data Leakage and Build Efficient Workflows". We thank Cainã Max Couto da Silva for their commitment to PyData Global community.

Sincerely,

A handwritten signature in black ink that reads "Leah Silen".

Leah Silen  
Executive Director, NumFOCUS