Python based solution for acoustic emission analysis of Lens polishing process

Diagram

Description automatically generated with low confidence

* Vallence sensor is using for signal collection.

The transient signal collected from senor and ADC is available in database.

<https://github.com/vallen-systems/pyVallenAE/tree/master/src/vallenae/io>

<https://pyvallenae.readthedocs.io/en/latest/index.html>

* The transient signal available we need to analyze via FFT or wavelet transform methods
* And need to find the End point of the polishing process by analyzing the signal and also fracture of lens during polishing process.