What the project currently does:

1. Take raw and background SAXS data and auto-subtract the background from the data.
2. Find the Guinier region and perform the Guinier fitting.
3. Classify the shape using machine learning.
4. Predict the shape parameters using deep learning.

What the project currently needs:

1. Comments and documentation for the code.
2. Better optimization for scattering simulation.
3. Better parallelization using either multi-threading or multi-processing.