Installing MD analysis packages w/ conda

- conda create --name mdanalysis
- conda activate mdanalysis
- conda config --add channels conda-forge
- conda install jupyter pandas mdanalysis pymbar
 - juypter for interactive coding notebooks
 - pandas for data analysis
 - mdanalysis for loading and analyzing MD trajectories
 - pymbar for calculating free energies. also contains equilibration detection.
- If you want to try Markov State Models, you may need to downgrade python first
 - conda install python=3.7
 - conda install pyemma
 - pyemma for Markov state models

Dimensionality reduction with principal component analysis