Reference

Rasmus Bro, and Age K. Smilde, Principal component analysis, DOI: 10.1039/C3AY41907J, Anal. Methods, 2014, 6, 2812-2831

Mart´ın Abadi et al, TensorFlow: Large-Scale Machine Learning on Heterogeneous Distributed Systems, 12th USENIX Symposium on Operating Systems Design and Implementation (OSDI 16), USENIX Association (2016), pp. 265-283

Wei-Yin Loh, Classification and regression trees, John Wiley & Sons, 2011, Volume 1

Since the plan for the project is to obtain the dominant components by principle component analysis and use them to build the neural network model with Tensorflow. Also, the project tries to apply random forest classification to analyze from another angle. Therefore, the three papers chosen are related to principle component analysis , Tensorflow and classification & regression trees separately. The papers tell us the necessary knowledge about three methods we are going to use.