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

Yann LeCun, Yoshua Bengio and Geoffrey Hinton, Deep learning, doi:10.1038/nature14539

The plan for the project is to obtain and visualize the main features by principle component analysis and build the neural network model to predict customers' churn situation with Tensorflow. Therefore, the three papers chosen are related to principle component analysis, Tensorflow and deep learning. The papers tell us the necessary knowledge about the motheds we are going to use.