Table 1: **Description of different code files**

File Name	Description
time2.R	Example of how to sort merged log-lines according to time for a user
role_extract.R	Extraction of what is the working role of employees in an organization
boolean_convert.R	Matching of entries in the decoy.csv file and file-tree of file.csv further to mark and merge the activities using binary decision and in the form - activity, to_removable_media, from_removable_media, decoy
extract.R	Per user log line extraction from email.csv, logon.csv, file.csv, device.csv, http.csv
unemployed.R	Extraction of which users did not continue in the next month according to the LDAP log-lines
logged_user_extraction.R	Extraction of how many users have device logs and file access logs for the merging purpose
merge.R	Per user merging and sorting of log lines from the extracted files
file_arrange_community.R	Fetching and arranging merged files per users according to the extracted communities
binarise.R	Binarising users activity logs by different days in a week per users
communities.R	Community extraction using email log-lines and Louvain algorithm
loss_calc.R	Reconstruction loss calculation for each employee
model1.hdf5	Sample trained model for one employee
proper_graph.R	Plotting scatter plot for reconstruction loss per user in different communities
running_model.R	Coding of LSTM Autoencoder in R