

### Automated Model Training with Shiny App

- 454845 Dominik Koterwa
- 414522 Irena Zimovska
- 455722 Pearly Tantra

Submission Documentation:

Shiny Apps:

1. templateShinyFinal.R <- the shiny application (UI & Server): **defensive programming, shiny app**
2. trainers\_classes.R <- machine learning model (classes & objects) : **R6 OOP, vectorization**
3. medical.csv <- csv file to test in the shiny app

Package ML:

1. autoforest.tar.gz <- the **package** created from trainers\_classes.R
2. DfFunction.cpp <- **c++** functions to show basic information of dataframe
3. medical\_train\_test.RData <- the same with medical.csv
4. package\_demo.R <- R script to test autoforest package and c++ functions with medical Rdata