**People’s Analytics – Predictive Modeling**

This document contains the information on how the People’s Analytics project has been organized.

The whole project has been divided into the following parts:

1. Data Preparation for predictive modeling.

2. Implementation of tree based methods for feature selection.

3. Implementation of Artificial Neural Nets for binary classification.

The predictive modeling tasks have been accomplished in the following notebooks:

>>**People’s Analytics-Data Preparation** (Data Preprocessing).

>>**People’s Analytics-Machine Learning** (Implementation of tree based  methods for feature selection).

>>**People’s Analytics-Neural Nets** (Implementation of Artificial Neural  Nets for final predictive modeling).

**Note:**

The preprocessed data for machine learning and neural nets can be found at “./Data/final.csv” and “./Data/PeopleAnalyticsCleandata.csv”.

The feature’s importance of different input variables can be found in “./Data/featureImp.csv”