PackagesUsed:

igraph

Matrix

pracma

ggplot2

matrixStats

The following files (.ipynb) contain code for the respective parts:

Part1\_1: 1.1

Part1\_2\_3: 1.2 and 1.3

Part2\_1\_2: 2.1 and 2.2

Page Rank: 2.3

Personalized Page Rank: 2.4