RUTGERS

THE STATE UNIVERSITY
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Personal Health Companion

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INTRODUCTION

- Lack of awareness of:
    - the need for a healthy lifestyle
    - The adverse impacts of unhealthy habits
    - Work out styles and diet

- Lack of motivation among people to continue following a healthy lifestyle

Features

- Graphical representation of trends and interdependencies in:
  - Diet
  - Exercise
  - Smoking
  - Drinking

- Develop Leaderboard for a particular region
  - Exercise trends

Work Done So Far

- Gathered tweets from Twitter using relevant hash tags
  - Graphical Representation of the collected data

- Created a website showing the framework of the software

- Preliminary data analysis
  - Word Clouds
  - Clustering graphs

Future Work

- To consider tweets using geo tags if possible.

- Optimization: Training of the data and classifying of the tweets into different categories (k –NN Algorithm)

- Including the following in the website
  - Graphs and the Histograms
  - Workout Calculator