Mobile Usage Pattern and Privacy Implications

Progress Proposal

By Manik Saini, Parteek Singh and Ratnesh Patidar

**For: Michael Mitchell**

**Tasks Completed this week:**

1. Conversion of data into format compatible with data analysis tool (SAS)

* Raw data was in excel format, so converted the required data into SAS compatible format and creating dataset required for further analysis.
* Dataset creation was a success.

1. As per requirements, we needed some new combinations on which the usage pattern and privacy implication can be deduced.
   * Started analysis on age-wise distribution.
   * Found a pattern between age and privacy concerns for various applications like social networking.
   * Combined results are included in file named Result#1.
   * Graph plots along with the confidence interval are in file Result#1\_Graph.pdf and Result#1\_CL.pdf.
2. Currently working on recreating graphs including confidence intervals and error plots, so that it can help with upcoming paper submission for Michael.

**Tasks Next:**

1. Doing an all-pair analysis for finding correlations between variables, to show association between them.
2. More analysis on age-wise distribution, so that results can be added up.