

**MEETING MINUTES #6– SPONSOR**

**Date/Time  
Venue  
Meeting with  
Attendees**

20th March 2017, 04:30PM  
TrustSphere Office at CBD  
Ridwan Ismeer  
Aayush Garg, Prekshaa Uppin, Akshita Dhandhania

**Agenda**

1. Discuss strategy to use survey data to conduct regression on email data and generate a formula

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| Point made by | Notes | Follow – up Action |
|  |  | **Task** | **Person(s) Responsible** | **Due Date** |
| Ridwan | **Survey Data – Part I**   1. Explore the social networks for each type of network. 2. While analyzing your networks, look for reciprocity in your edge weights between two nodes. 3. Filter out the poorer relations | Analysis of survey data | Aayush | 24th March 2017 |
| **Survey Data – Part II**   1. Use Betweenness and degree centralities for your analysis and to tamper with your features 2. Look for any correlations between the scores of the networks. If two networks behave similarly, take an aggregate of the two. 3. Focus on work network for email data. Use betweenness only. | Correlation of scores of Networks | Prekshaa | 25th March 2017 |
| **Using survey data and email data together**  What kind of regression will you use – polynomial, logistic or linear. Why do you use a particular type of regression? Assess the performances using p-value  Use data in the form of DL lists for analysis from adjacency matrices  Use rapid miner for your analysis. Try ensembles on rapid miner. It may help you. | Research on regression | Akshita, Prekshaa, Aayush |  |
| Prepare email-survey data for regression analysis and run regression | Akshita | 21st March 2017 |
| Ridwan | **Deliverables**  The client wants us to completely focus on our analysis of email data using the survey data.  Dashboard is not something they prioritize right now, but rather a good research paper.  Thus, we do not need to do a dashboard, but rather focus only on delivering a research paper. |  |  |  |
| Aayush, Akshita, Prekshaa | We explained our idea on how we plan to use the survey data to generate our model for the email data 🡪   1. Use regression to understand to what extent the features we created influence the score of each edge from the survey network data. 2. Before the above can be done, we need to prepare our survey network data to get the weight of each edge, taking certain aspects into consideration (mentioned above in Survey – Part I) |  |  |  |

*Meeting minutes prepared by Prekshaa Uppin  
Minutes has been vetted by Aayush Garg, Akshita Dhandhania*