

**Winter Workshop on Data Science and Machine Learning**  
**26th - 30th December, 2017**

**Task Sheet - Day 3**

**Latex:**

Prepare a latex document using overleaf website. This document should document your learnings, results and analysis of the tasks from all days in the workshop.

**Guidelines:-**

1. Organize this latex document (main.tex) in various sections and sub-sections. Write 'things you learnt' day-wise in your own words (it is fine if you write less, but it should be in your own words strictly)
2. All references should be put in bibliography and properly referred. Create a separate bibliography file (say references.bib) and include it in main.tex
3. For each results which are in visual form (plots or graphs), output them in form of an jpeg / png image and include these images as figure in latex document.
4. Explain in few lines what the plot or graph is representing (like what is on X-axis and Y-axis) and what are you trying to study and 'report' what are the outcomes. For instance, CDF graph G1 in Figure 4 shows that 70% nodes have a degree 0.
5. Write what you think could be an explanation for the above outcomes. Note you will have to think before writing this. For instance for above example, you will write that above observation means that 70% of the tweets do not share any hashtag since G1 is constructed using common hashtags.