MM 217: Data analysis and interpretation

Handout 1

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Make sure that you mention MM217 in the subject

Some important policies:

1. Moodle will be used extensively; please make sure that you check your IITB email at least once in 12 hours.
2. Attendance: class participation carries 10% weightage. It will be awarded based on unscheduled tutorials. So, please attend all classes.
3. Evaluation: Two quizes (20%), one mid-semester examination (20%) and one final examination (50%)
4. Only one make-up of complete portion will be given at the end of the semester if you miss any of the evaluations for any reason. No make-up will be given for class participation activities.
5. ***No mobile phone usage in the class***: this will be strictly implemented. Please carry a calculator and pen to all classes. Otherwise, you will not be able to do the unscheduled tutorials in the classroom.
6. There will be out of class hours arranged for computational assignments and tutorials. These practice sessions are essential and some of the evaluation will be based on these sessions.
7. ***Policy on malpractices:*** Please do not copy tutorials or assignments; do not plagiarise; the material that you submit to me for evaluation should be your own work. If, at any time during the course, you are caught either cheating (copying, plagiarising, misappropriating somebody else's code or presentations, and so on) or indulging in malpractices (proxy attendance, forging medical certificates and so on), it would mean an FR grade. In addition, depending on the gravity of the incident, you will also be reported.
8. The pass percentage is 40% (and will be implemented strictly). The AA grade will be based on absolute performance (85% and above). Remaining grades will be relative.
9. Recommended textbook: Sheldon M Ross, Introduction to probability and statistics for engineers and scientists
10. Course objectives: To understand the data collection methodology; To analyse data using commercial (excel) and open source (R) software; and, To draw conclusions from data and to know the errors / assumptions involved.

Assignement for tomorrow's (30 July, 2019) class tutorial: Listen to or read the transcipt of at least one episode of the podcast "More or less" by BBC.