

readme

Here are some comments/messages that I wanted to convey regarding the notes that are being shared.

1 MSMS 101

- *Part 1 - Variance Bounds* : The last problem is left incomplete. If you have a complete solution or any suggestion, please drop an email to ami.ananda@bhu.ac.in
- *Part 2 - Sufficiency and Siblings* : Basu's Theorem is not included in the notes.
- *Part 3 - Maximum Likelihood Estimation*
- *Part 4 - Decision Theory*

2 MSMS 102

- *Part 1 - Measure Theory*
- *Part 2 - Probability Theory* : The proof of the converse part is left incomplete at page number 8. Sir told us to try the proof on our own. But I think there is an issue with the counter-example or I'm dumb. Anyways I couldn't complete the proof. If you have any suggestion, please drop an email to ami.ananda@bhu.ac.in
- *Problems* : It has some problems solved from previous year question papers. You can also solve exercises of Rohatgi-Saleh and B.R.Bhatt.
- *Add-ons from DK Sir* : Throughout the semester, DK Sir takes digressions to various concepts/topics of Mathematics and Statistics. This is a non-exhaustive collection of those discussions.
- *Modern Probability Theory - B R Bhat - Problems* : I also solved a few more problems, but they are not well-written.

3 MSMS 103

- *Sampling Techniques*
- *Analysis of Covariance*
- *Design of Experiments* : These are non-exhaustive set of classnotes.

4 MSMS 104

- *Numerical Analysis* : Mainly contains derivations of various iterative methods.