Final Exam. EE4708: Data Analytics Lab, 2021

- Due by: 30th November, 2021 by 5pm IST.
- To be submitted to the following email address: office.of.gr@gmail.com
- The subject of the email should be: Final Exam: Data Analytics Lab, 2021
- Please clearly mention your name and roll number.
- Submit your work as a single pdf file. Additional material, code, etc can/should also be submitted, but there should be atleast 1 pdf, which has the entire assignment.
- Wherever there is code, in the assignments, the code should be well documented and easy to understand / follow.
- The exam is out of 40 marks. This is a take home exam.

One part of the exam is essentially a second attempt on all your assignments. The objective is to find ways of improving the previous assignment, and this should lead to a further learning exercise for the material. All the assignments, 1 to 6, should be included in the final exam. Of course, you may not have enough time to have a second attempt at Assignment 6, but you will have the opportunity to do the first 5 assignments with a fresh pair of eyes.
This will count towards 30 marks.

The second part of the exam is new. We have given data sets from the world of finance. We are not going to suggest how you should analyse the data sets, or which techniques you should use. You can use any set of techniques, which have been covered in the course, and are also welcome, time permitting, to apply techniques which have not been covered in the course. This is a typical real world scenario, where you will be given data, and asked to examine it, find interesting insights, and create value out of the data sets.
This will count towards 10 marks.

The entire final exam should be submitted as one piece of work. The submission format is the IEEE conference latex format, as has been the expectation for the assignments.

Any doubts in the expectations, please feel free to email me at: gaurav@ee.iitm.ac.in