

## Final Exam. Data Analytics Lab, 2023

- Due by: 26th November, 2023 before 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, 2023
- 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 work.
- 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. You may/may not have enough time to have a good 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 20 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 20 marks.

Note for submission: All the assignments which are revised again, should be clubbed together into 1 document, including the code. The final exam should be sent as 1 document including any code. So essentially, you should be sending only 2 documents.

In each of the assignments, which are revised again -- redo any one section, and the last line of the abstract should specify which section has been revised. The submission format is the IEEE conference latex format, as has been the expectation for the assignments.