

Data Mining Project 2021

Preparation of the final report: (total 11 pages max)

- Title page
 - Create a title for your project
 - Group id
 - Group members name and roll number
 - Subject name and code
 - Create an abstract:
 - 500 words max. This is a summary of your work
 - What is the main idea
 - What dataset you have used
 - What model you have used
 - Brief points about your results
 - Societal challenge that your work relates to
 - Index page: chapter titles and page number
 - Create chapters
1. Introduction: (1 page max)
 - a. Describe the main problem that you have targeted.
 - b. Describe what societal challenge you want to solve using data mining in your project
 2. Dataset (1 page max)
 - a. Describe the data that you have used
 - b. From where you have collected the data
 3. Architecture: (2 pages max)
 - a. Create a block diagram of the steps that you have performed in your project
 - b. It might include data preprocessing, feature extraction, data model or any other blocks, according to what you have done
 - c. For groups that have used multiple learning models, your architecture should diagrammatically show the flow of your work using two models
 - d. Label the blocks appropriately and/or describe the architecture blocks separately
 - e. For the learning models, specify the input and the output in a separate paragraph with a heading
 4. Experiment: (1 page max)
 - a. Give any description/steps of your work as you see fit
 - b. In case you have used python in colab, you can give the 'can view' link to your code here instead of copy-pasting the entire code
 5. Results: (2 pages max)
 - a. Describe your final achieved results in bullet points
 - b. You may put tables and graphs
 6. Conclusion: (1 page max)
 - a. Write a small paragraph on what work you have done
 - b. Write a small paragraph on what you have achieved
 - c. Write a small paragraph on whether you have solved the societal challenge that you chose. Mention how your experiment will impact that societal aspect
 - d. Write a small paragraph on what shortcomings there are in your project, what else can be done in the future to improve the work.

- Only 1 report per group
- Create slides along with your report and upload
- Link for upload: https://pdpuacin-my.sharepoint.com/:f/g/personal/nayantara_kotoky_pdpu_ac_in/EqQfa967MBNBgplPvxDMKvIBu5kyB7iv94aU2pVfiM1Lzw?e=b6yL5Y
- Create a folder as Group_<id>, put your report and slides in your respective folder
- Presentation will be of 5 mins max, followed by viva of 5 mins. Date will be declared later.
- All members must give presentation and viva
- Report must be pdf only. Slides are pdf/pptx.
- Deadline to upload report and slides: **12-Nov-2021**.