

Data Mining Project Self-Evaluation Report

Student:

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Teacher:

Dr. Manik Gupta

Course:

Data Mining

Our experience during this project

We are making this report more of a self-reflection report than self-evaluation. When we took this course, we had no experience in python or data science, but we were ready to get out of our comfort zone and learn something new. When we got this project, we had no idea how to even begin with it. We just chose a dataset that we thought; we can make the right questions to find answers from it. Then, we were stuck. What to do next?

So, the first thing that came to our mind was, let's talk to seniors who have prior experience in the subject. We then spent over a week talking to seniors about where, to begin with. Some seniors helped us download python and the libraries; others showed us some of their previous projects. One of them taught us how to import the datafile in python. Once the file was stored into some kind of table (now we know, Data Frame), we started to analyze that five lines of code and googled what keyword did what. After that, we began to study how to use that data frames to do basic operations.

And with the help of seniors and the internet, we were somehow able to finish the preprocessing part for mid sem submission, which wasn't that impressive but was something, to begin with.

One significant challenge we faced was plotting the graphs; even after like a million tries, we weren't able to plot useful graphs. So, for mid sem submission, we did the bare minimum one could have done, i.e., plot the most straightforward possible graphs.

But, after midterm submission, we spent more time researching how to improve our code, what more we could do, and How to plot better graphs. And, we believe that hard work paid off, as now, we can comfortably work on data frames, use regex, import-export files and plot beautiful chloropleth graphs.

And we would like to thank Dr. Manik Gupta for giving us this opportunity to work on this project and also for extending those deadlines, which made us work even harder to give our best to this project to make up for the extensions. We would also like to thank our seniors, who helped us in every step we got lost.

This project was an excellent experience for all of us, and we hope you'll also like and appreciate our work. Also, Please give your reviews for the project, so that we can improve our skills for the future.