

Data Science Project 7PAM2002-0509-2023
Semester C 2023
Logbook (Activities and GitHub submissions)

Student Name and ID: Upali Jayawardhanage Dilhara Rajaguru - 22034062

Project Title: Predicting Lung Cancer Using Lifestyle and Health Indicators

Supervisor: Klass Wiersema

Student GitHub URL: <https://github.com/DilharaRajaguru/DataScienceResearch>

A number of versions of the code submitted on GitHub: 1

User documentation has been submitted on GitHub: NO

Student GitHub URL has been shared with markers: YES

Log of Activities
Must record attendance at lectures and supervision

| Week | Date | Activity incl. lectures & supervisions | Reason for not attend lecture or supervision | Weekly project progress. How lecture/supervision was helpful to your project? |
|------|-------------|--|--|---|
| 1 | 14/05 | Lecture 1 | Sickness | -I Followed instructions and lecture notes in canvas. -I got an idea of how to choose my project and what I had to do step by step. |
| 2 | 21/05 | Lecture 2 | | -I attended the lecture and got an idea about how to complete research with ethics, limitations, and PDM plan |
| 3 | 28/05 | Supervision 1 | | -I met my supervisor and got an idea about my research topic and how to start, creating a PDM plan and presentation. |
| 3 | 29,30,31/05 | | | - I started to find relevant information for my project. I found Past few research papers and websites like (the World health organization, and the National Cancer Institute). |
| 4 | 03/06 | Lecture 3 | | -I attended the lecture and gained knowledge about data ethics. (Part A) |
| 5 | 11/06 | PDM Presentation | | -I presented my PDM plan to the supervisor and got approval for my project. |
| 6 | 17/06 | Lecture 4 | | -I participated in my second data Ethics lecture and understand how importance of following data ethics for a project. |
| 7 | 27/06 | Supervision | | -I attended to the supervision and with the supervisor reviewed the progress of my project. |

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| | 28,29,30/06 | | | - I started to write my code using Google Colab |
| 8 | 01,02/07 | | | -I prepared for an ethics quiz |
| 8 | 03/07 | Ethics Quiz | | - I did my quiz at K110 at 3.00 pm |
| 9 | 07,08,09/07 | | | -I did my model development process and compare results with all models. |
| 10 | 12/07 | Supervision online | | |
| 11 | 15/07 | Lecture 5 | | -I attended the lecture and got an idea about how to write my report, analyze results and prepare for Viva |
| 11 | 20,21/07 | | | -I completed my code and commented and finished the setup |
| 12 | 25/07 | Supervision | | -I attended mock viva with my supervisor and discussed my strengths and mistakes in the project. |
| 12 | 27,28/07 | | | -I started to write my report focused on the Introduction and Literature review and finished it. |
| 14 | 06,07,08/08 | | | -I wrote methodology and result analysis within these days. |
| 15 | 14/08 | Supervision online | | -I attended an online second mock viva with my supervisor and discussed the question I faced while writing the report. |
| 15 | 15,16/08 | | | - I completed my report with discussion and reviewed my report from the beginning |
| 16 | 19,20/08 | | | -I completed my report with a conclusion and tried to write references using Harvard style. |
| 17 | 26,27,28 | | | -I finished naming tables and figures in my project and entered my code at the end of my report as appendix. I revised my report, code and logbook again and submitted my report. |

Log of GitHub Submissions

Record the versions of code and user documentation submitted on GitHub

| Date | Filename and version submitted to GitHub | Description of code and/or documentation submitted (what has been added since the previous version). |
|-------|--|--|
| 29/08 | LungCancer_v10 | |
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