Group Members

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Week Meetings

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| --- | --- | --- | --- |
| **Date** | **Time** | **Duration** | **Location** |
| Jan 30th 2023 | 3:30pm | 1 hr | Teams |
| Feb, 1st 2023 | 2:00pm | 2 hrs | St Clair Campus |
| Feb, 3rd 2023 | 4:00pm | 3.5 hrs | Teams |

Agenda items

1. Exploring all Drug Product Databases from Health Canada portal, and browsing all the table fields in order to organize table relationships and
2. Identify outliers, or existing missing values, data decoder (if it exists)
3. Understanding of the variables

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| **Action Items** | **Owner(s)** | **Deadline** | **Status** |
| Finalize databases - Founded related papers and articles. Merging the files and combining them into a single file. Worked on data preprocessing. Created the table relationships and understood the dataset. | Luis  Neha | 2023/02/03 | **DONE** |
| Research on different types of drugs, for instance- humans, animals, etc. Browsed on several ingredients from the list that were used in the making of the drugs. Some of them were found to be unsafe for humans and that is one of the reasons that it was not approved. | Eranga  Sagarkumar  Grace | 2023/02/03 | **DONE** |

Challenges/disagreements

We planned on working on a Project based on “Winter Control - Snowplow Activity”. But, unfortunately, we did not get sufficient data that we needed to start the project. Below is the link provided for the same. (*Winter Control - Snowplow Activity, n.d.)*

So, we decided and came up as a team and planned to move ahead with a project that is based on drugs. The dataset looks sufficient with enough data, but we had to figure out whether the data columns available are useful or not. We can conclude that the project looks interesting, and the data is useful.

Next meeting challenges

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| --- | --- |
| **Next Meeting Action Items** | **Owner(s)** |
| * Investigate existing papers and research related to DPD data base to get ideas of applications about the medical, legal, ethical fields to any organization or community | Eranga  Sagarkumar  Grace |
| * Proposed ideas about classification, clusterization, regression, or any other supervised/unsupervised learning that can be applied to DPD | Eranga  Sagarkumar  Grace |

Next meeting date

2023/02/08

GitHub

<https://github.com/nehad2909/drug-product-database-health-canada>

*Winter Control—Snowplow Activity*. (n.d.). Retrieved February 10, 2023, from https://opendata.citywindsor.ca/details/224