**Weekly Activity Report**

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Activity for week starting: 4 December and ending 10 December 2023

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| **Day** | **Describe Activity** | **Estimate Time Spent** |
| Monday | Umut and I started implementation of the project. | 2 hours |
| Tuesday | Umut and I had a meeting with our advisor and discussed what we have done so far and what will be the next steps. | 1 hour |
| Wednesday | Umut and I had a meeting about the following update for our project: After researching ways to integrate random forest and clustering algorithms, we came across that it might not be the most efficient way. | 2 hours |
| Thursday | We started brainstorming for how should we build our project, should we choose another ML method? | 2 hour |
| Friday | No activity |  |
| Saturday | Decided to go with the K means clustering for our project after seeing this algorithm produces the closes results to our desired project goals.  We restarted the implementation of the initial code. | 4 hours |
| Sunday | Moved on to implementing the Data Cleaning step | 3 hours |

**Total**: 14 hours