



Discuss where the mind map came from and what you will do with it

The final mind map came from discussions in my project group, where we collaboratively used our ideas to create a mind map. Originally, we worked on the mind map by ourselves. However, we then realised at one of our frequent meetings where we shared our progress and difficulties that the first step in creating our mind map was designing a scientific question related to the spirals dataset that met the SMART (specific, measurable, achievable, relevant, & time-bound) criteria. Therefore, the same question for the same dataset was likely to result in the same or a similar mind map. As a result of this, we decided to work collaboratively on the mind map, especially because at the beginning it seemed challenging. In addition to developing an original question, the process is also feasible because we have the resources to produce the expected output, it is traceable as intermediate deliverables are the reports, and it is auditable because we can track the steps that led us to the outcome. As a group, we drafted a few questions that were inspired by the example given in Alejandro's lecture notes. We then refined the question as it is the fundamental part of our mind map. Each node's purpose is to provide information about the materials and process necessary to analyse the best features that can classify between patients with Parkinson's disease and the control group using a regression model. To create the mind map, we used the application Freeplane.

The mind map that we have created provides a visual and structured way to organise our ideas and information regarding our scientific question relevant to the spirals dataset. It categorizes the aspects relevant and needed for the project, to set us up toward completing our group report at the beginning of week 8. The mind map also highlights the key deliverable being the individual project, as this is another important deadline to be mindful of. The mind map can be utilised to ensure alignment with project objectives. For example, one of the project objectives is to experience working as a team towards a shared objective. Our shared objective is to create a final group report answering the scientific question we have developed. At our frequent meetings, we can use the mind map to track progress by looking at it as a group each week and evaluating whether we are progressing or whether we need to change anything. This reflects how the mind map can be used to meet the project's objective of working in a team. Additional project objectives are to apply our knowledge to answer specific questions based on the spirals dataset and demonstrate the ability to communicate findings. The mind map can be used to meet these objectives as it is based on a question related to the spirals dataset and outlines how and who we need to communicate findings to. The mind map will be used to break down tasks and set clear goals, which will ensure that all team members understand the scope of the project. Additionally, if others want to know what we have done to produce our final report, giving them our mind map may be a good starting point to show them.