Thesis planning - Utilising Advanced Data Analytics for the Detection and Prevention of Fraudulent Activities Arantxa Buiter Sánchez | i6294040

	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	week 9	week 10	week 11	week 12	week 13	week 14	week 15	week 16	week 17	week 18	week 19
	05/02/2024	12/02/2024	19/02/2024	26/02/2024	04/03/2024	11/03/2024	18/03/2024	4 25/03/2024	01/04/2024	08/04/2024	15/04/2024	22/04/2024	29/04/2024	06/05/2024	13/05/2024	20/05/2024	27/05/2024	03/06/2024	10/06/2024
1. Finding relevant sources																			
1.1 Identify key papers on fraud detection techniques																			
1.2 Review and summarize relevant literature																			
2. Creating a template for the report																			1
2.1 Define sections and subsections																			1
2.2 Make draft for introduction																			1
3. Study collected data and analyse it																			1
3.1 Clean and preprocess data																			
3.2 Perform data analysis to identify patterns for regular activities and fraudulent activities																			
4. Create the different agents and compare them																			
4.1 Develop a baseline agent																			
4.2 Improve the baseline agent using Machine Learning techniques																			
4.3 Create a combined agent using SMOTE																			
5. Preparing the first draft																			
5.1 Prepare the results of each agent																			
5.2 Draft the sections that can be done																			
6. Thesis checkpoint																			
6.1 Review the progress of the agents and make any necessary adjustments																			
6.2 Asses and compare the effectiveness of the agents																			
6.3 Prepare presentation																			
7. Finish up the sections																			
7.1 Adjust the thesis based on feedback																			
7.2 Finalize discussion and conslusion																			
7.3 Review the entire thesis																			
8. Thesis submission																			
8.1 Prepare the final version of report and presentation																			
8.2 Make any necessary adjustments																			