

	Element-Feedback	Graden	Weights
What were the strengths of my work?	<p><b>Research and Data Exploration:</b> Very good choice of the dataset and with proper choice of relevant peer reviewed paper. Very good approach to data exploration and pre-processing with good summary of the review paper.</p> <p><b>Modelling / Classification:</b> Three ML methods were trained and evaluated properly using the chosen dataset, namely LR, DT and RFF, with proper use of various evaluation metrics (precision, recall, accuracy, etc. . . ).</p> <p><b>Improving Performance:</b> Various methods and data-sampling methods have been applied in attempt to improve performance. Results using different metrics were reported and discussed accordingly.</p> <p><b>Improving Performance:</b> The report is of a very good quality and reproducible in all parts.</p>	B	5 Unit/s
What could I have improved?	<p>The review of the paper is very descriptive and lacking technical depth. Good data exploration approach but careful consideration should be made to the datatypes (for example this line of code you used <code>sex = d1[d1.sex==1].shape[0]</code> in the data exploration, gave wrong results because sex is saved as an object and not integer. Excessive oversampling and excessive undersampling of the data is not a good approach (possible overfitting and information loss respectively). I would have liked to see more discussion of the results (in some cases you have very low precession, recall, while in others, you almost reach 100 percent recall value (clear sign of non stable behaviour of ML models). The structure and naming of the sections and subsections of the report could have been better, but overall very good quality report.</p>		
How can I improve my performance in future assessments?	Great efforts, work ethics and dedication, continuing with this level of work, should definitely help you improve your performance.		

#### How was my grade calculated?

**Grade A:** At least 5 grades of A. At least 8 grades of B or better. All 10 grades at C or better

**Grade B:** At least 5 grades of B or better. At least 8 grades of C or better. All 10 grades at D or better.

**Grade C:** At least 5 grades of C or better. At least 8 grades of D or better

**Grade D:** At least 5 grades of D or better. At least 8 grades of E or better

**Grade E:** At least 8 grades of E or better

**Grade F:** The reports have been submitted, but the set of grades does not qualify for any higher module grade