

Criterion E: Evaluation

Criterion E: Evaluation

- **Yes**, The students' data in excel should be read correctly.
- **Yes**, Have error handling for special cases.
- **Yes**, The user can choose to location open and store files.
- **Yes**, Students' successfulness is correctly considered.
- **No**, The program is user friendly.
- **Yes**, The client can search the successfulness of past students by searching their names.
- **Yes**, Successfully use the machine learning algorithms to produce a predictive model based on each student's grades in the courses.
- **Yes**, The client can receive a probability of a student going into Science 10 by input the student's Science and Math mark.
- **No**, The client should be able to store data for his interests.

Overall the program met the most requirements. My client was happy that he can receive the probabilities of his desires and use it to recommend for his future students. He thinks that this program will be very useful for other teachers as well.

However, he suggested 4 things to further improve the program:

- The user interface is very straight forward. But it is better to find a way to get the octave path to be changeable. Since the octave version will change, it will be inconvenient to change the path name every time, and thus not very user-friendly.
- To output better information, such as graphs rather than text files. Graphs are usually more useful than plain text files.
- To make the program look better by adding more visual pleasant elements, such as better structured buttons
- Since there are many files need to be configured, it might be inconvenient for teachers to use if the teacher has a larger dataset. Thus, find a way to store the past user actions so the next time the user opens the program, it knows where the user will input the files from and remember the octave files path.

Word count: 314

Marks	Awarded	Description
0		The response does not reach a standard described by the descriptors below.
1–2		There is a limited attempt to evaluate the product against the success criteria identified in criterion A. There is limited evidence of feedback from the client/adviser and any recommendations for further improvement are trivial or unrealistic.
3–4		The product is partially evaluated against the success criteria identified in criterion A including feedback from the client/adviser. Recommendations for further improvement of the product are largely realistic.
5–6		The product is fully evaluated against the success criteria identified in criterion A including feedback from the client/adviser. Recommendations for further improvement of the product are realistic.