

Assignment 1 FAQ

0. Submission Format

It is preferable to submit a single PDF file containing both the report and code. However, you may submit the report and code in separate files.

If using Jupyter notebook, the notebook can be exported:

- As an html file. Then open the html file and print to pdf.
- As a pdf directly.

Merge the report pdf with the notebook pdf using the **pypdf** python library, or some other external tool.

(0.1) **Incomplete code**: if you have an incomplete custom implementation for problems 2 or 4 and want partial extra credit, add a note about partial implementation after your answer to those questions. Be sure to append your partial implementation to your report pdf.

1. Decision Tree

(1.a) Neighboring nodes can be the same.

(1.a) The computation should not be complicated (avoid permutations).

(1.bc) Per node created, value of gain for all possible attributes should be shown.

2. Application of Decision Tree

(2.a) The `MARSUPWT` values (column 24) can be ignored.

(2.a) Use as many or as few features as you'd like. Custom features are also fine, such as `X>14`.



