

Advanced Data Analytics

Assignment Marking Criteria

Components	<ol style="list-style-type: none">1. Data mining problem, inputs, outputs2. Data preprocessing and transformations3. How you went about the problem4. Classification techniques used and summary of the results and parameter settings5. Actual classifier that your selected <p>Written communication in appropriate academic language.</p>
Excellent (85-100)	<p>An outstanding analysis showing creativity and outstanding levels of thoughtfulness. This would include aspects such as:</p> <ul style="list-style-type: none">- Clear succinct description of the problem you are trying to solve.- Clear succinct outline of data preprocessing and transformations made together justification.- Incisive, creative and thoughtful description of how you approached the problem.- Succinct, believable description of techniques used and obtained results. Probably many techniques used and thoughtful parameter optimization.- Language use is error free and the report extremely well presented and organized.
Very Good (75-84)	<p>A superior analysis demonstrating solid understanding of the components. This would include aspects such as:</p> <ul style="list-style-type: none">- Clear description of the problem you are trying to solve.- Superior outline of data preprocessing and transformations made together justification.- Thoughtful description of how you approached the problem.- Believable description of techniques used and obtained results. Wide range of techniques used and/or careful parameter optimization.- Language use is mostly error free and the report well-presented and organized.
Good (65-74)	<p>A good analysis demonstrating reasonable understanding of the components. This would include aspects such as:</p> <ul style="list-style-type: none">- Description of the problem you are trying to solve.- Outline of some of the data preprocessing and transformations you made, possibly with justification missing.- Some description of how you approached the problem.- List of techniques used and obtained results. Only a few techniques used but some thoughtful parameter optimization.- Language use is mostly acceptable with some areas of improvement needed with respect to the presentation or organization.

<p>Satisfactory (50-64)</p>	<p>A brief but just satisfactory analysis of the components. This would include aspects such as:</p> <ul style="list-style-type: none"> - Vague description of the problem you are trying to solve, possibly missing inputs and outputs. - Surface level list of data preprocessing and transformations, with no justification. - Surface level description of how you approached the problem. - Very few or one technique used and obtained results and not much in the way of parameter optimization. - Language use may be vague with many aspects needing improvement.
<p>Unsatisfactory (<50)</p>	<p>Not demonstrating the level required for a pass.</p>