

MScFE 650 Machine Learning in Finance – Course Syllabus

Assessment Criteria	Excellent	Proficient	Satisfactory	Unsatisfactory	Percentage of Overall Grade	Points Possible (Drafts 1 - 2)	Points Possible (Draft 3)
	85-100%	70-84%	65-69%	0-64%			
Knowledge of the Content	The group presents a clear, coherent and noteworthy paper that demonstrates full understanding of their subject matter. They have answered most of the questions applying critical thinking. Their chosen evidence is thorough, relevant and clearly presented.	The group produces a strong paper that demonstrates that they understand the subject matter. They have answered most of the questions applying critical thinking. The group demonstrates awareness of the literature they refer to.	The group has produced an adequate paper, reflecting some knowledge of the subject matter. The paper has some content, and some critical thinking has been applied to answer the questions. The group may struggle in relating references to their argument.	The group has produced a weak paper that needs considerable revision. The paper lacks in content, and not all the questions have been answered. Overall, the paper reflects a poor understanding of the topic.	25%	12	24
Research	The group has demonstrated strong skills in their selection and use of peer-reviewed resources to present original ideas in the context of the selected references.	The group has referenced reliable peer-reviewed resources to support their argument.	The group has used some peer-reviewed resources however the selected resources have only been partially incorporated in their argument.	The group has only used Internet resources (i.e., Wikipedia) or similar non-academic resources to support their argument. Referencing is scant.	20%	9	18
Methods and Analysis (Coding)	The group has demonstrated to be able to design and develop a functioning program in Python based on their research, which supports their solution of the given problem. The source code is very well commented and easy to follow. The executed program provides the expected results and meets all the given specifications.	The group has demonstrated to be able to design and develop a functioning program in Python based on their research for the most part. Their solution is somewhat derivative and/or may lack deeper insight. The source code well is commented and is fairly easy to follow. The executed program provides acceptable results and meets most of the specifications.	The group has demonstrated poor ability to design and develop a functioning program in Python based on their research. Their solution weakly supports the given problem. The source code is poorly commented and is not easy to follow. The executed program provides results however it does not meet most of the specifications.	The group has not been able to design and develop a functioning program in Python based on their research. Their solution is vaguely supports the given problem. The source code is not sufficiently commented and it is difficult to follow. The executed program does not provide the expected results and does not meet the specifications.	50%	21	42
Writing Components and Formatting	The group has presented their assignment in a clear and coherent manner, with consistent formatting and clear referencing. The work is free of grammar errors and typos.	The group has presented their assignment in a clear and coherent manner, with sufficient formatting and clear referencing. The work may have a few grammar errors and typos.	The group has presented their assignment adequately, with some consideration of formatting and referencing. There are some grammar errors and typos.	The group has presented their assignment with poor formatting and inadequate referencing. There are several grammar errors and typos.	5%	3	6
Total					100%	45	90

