Postgraduate Grade Descriptor for FM 9528A – Coursework 3

Percentage	0 - 60	60 – 69	70-79	80 - 89	90 - 100
Degree Class	Fail	C	B	A	A+
Criteria **Transferable skills: Demonstrate an ability to present your work through an effective written presentation.** *Structure, formatting, reporting style and concise presentation. Correct and fluent English language.* **Weighting 10%**	Poor structure. Significant deficiencies in expression. Inconsistent and poor use of language.	Adequate structure. Adequately expressed but some inconsistencies apparent. Adequate use of language.	Good structure. Well expressed. Clear and appropriate use of language. Several spelling and grammar errors exist, but the points can be clearly understood.	Very good structure. Very well expressed. Confident and very good use of language. Almost no spelling or grammar errors exist.	Excellent structure. Exceptionally competent and fluent use of language. Confident and excellent use of language without seldom any errors.
Shows knowledge and understanding of image processing and can research modern technologies. **Critical reflection of data capabilities.** **Reference to relevant literature.** *Discussion of LiDAR data and deprivation index chosen.* (Q1) **Weighting 10%**	No/inadequate evidence of knowledge and understanding of LiDAR and Multidimensional deprivation. No/inadequate reflection. No/inadequate evidence of use of literature.	Level of critical knowledge and understanding of LiDAR and Multidimensional deprivation. Reasonable critical reflection. Appropriate coverage of relevant literature but with omissions.	Good level of critical knowledge and understanding evident of LiDAR and Multidimensional deprivation. Good critical reflection. Good coverage of relevant literature.	Critical knowledge and understanding LiDAR and Multidimensional deprivation is applied in a comprehensive and concise manner. Very good critical reflection. Comprehensive coverage of relevant literature.	Critical knowledge and understanding LiDAR and Multidimensional deprivation is applied in a highly comprehensive and concise manner. Excellent critical reflection. Excellent coverage of relevant literature.

Percentage	0 - 60	60 – 69	70-79	80 - 89	90 - 100
Degree Class	Fail	C	B	A	A+
Criteria **Cognitive/ Thinking: Clearly presented, rigorously argued and focused analysis.** *Deep Learning Model using Images. (Q2)* **Weighting 40%**	Misunderstands the task, no central argument evident. No/ inappropriate evidence of understanding model used. Little or no ability to use pre-trained models effectively. No/inadequate focus and direction. No models were generated.	Poor understanding of the task. Some evidence of reading the literature. Models applied with some consistency. Inconsistent focus and direction throughout. Mostly correct model generated with a limited explanation of parameter choice.	Good understanding of the task. Evidence of extensive reading of selected model. Good use of pre-trained models, relating it clearly to the context of the task. Clear focus and direction throughout. Very good model, with most decisions correctly argued.	Very good understanding of the task. Evidence of comprehensive reading of pre-trained models. Very good use of models, relating it very clearly to the context of the task. Very clear focus and direction throughout. Excellent models, with strong arguments supporting the decisions made.	Excellent understanding of the task. Evidence of very comprehensive reading of pre-trained models. Outstanding ability in the construction of a sophisticated model to support points. Exceptionally clear focus and direction throughout. Exceptional models that closely replicate the Deep Learning literature.

Percentage	0 - 60	60 – 69	70-79	80 - 89	90 - 100
Degree Class	Fail	C	B	A	A+
Criteria **Cognitive/ Thinking: Clearly presented, rigorously argued and focused analysis.** *GradCAM analysis. (Q3)* **Weighting 20%**	Evidence of some systematic handling of information to provide basic but inadequate application of the GradCAM model. Sample is non-existent or does not conform to the standard. Limited explanation of results.	Model analysis is evident but with some confusion. Sample covers the full range of the index but can be easily improved. Adequate explanation of results.	Competent ability to systematically analyze and synthesize information. Model analysis is relevant and effective. Sample covers the full range of the index without consideration of model accuracy nor diversity. Good explanation of results.	High degree of ability to structure and synthesize information that provides clarity throughout the work. Model analysis is appropriate and precise. Sample covers the full range of the index considerating just one of model accuracy or diversity. Very good explanation of results.	Very high degree of ability to structure and synthesize information that provides exceptional clarity throughout. Model analysis is most comprehensive. Sample covers the full range of the index and considers both accuracy or diversity. Excellent explanation of results.
Shows knowledge and understanding of big data capabilities and technologies. **Critical reflection of data capabilities.** **Reference to relevant literature.** *Discussion of data ethics privacy and challenges.* (Q4) **Weighting 20%**	No/inadequate evidence of knowledge and understanding of ethics and big data capabilities and technologies. No/inadequate reflection. No/inadequate evidence of use of literature.	Level of critical knowledge and understanding of ethics and big data capabilities and technologies is sound but lacks depth. Reasonable critical reflection. Appropriate coverage of relevant literature but with omissions.	Good level of critical knowledge and understanding evident of ethics and big data capabilities and technologies. Good critical reflection. Good coverage of relevant literature.	Critical knowledge and understanding of ethics and big data capabilities and technologies is applied in a comprehensive and concise manner. Very good critical reflection. Comprehensive coverage of relevant literature.	Critical knowledge and understanding of ethics and big data capabilities and technologies is applied in a highly comprehensive and concise manner. Excellent critical reflection. Excellent coverage of relevant literature.