SOUTHERN
UNIVERSITY COLLEGE
南方大学学院

Assignment / Tutorial / Project / Report Cover Sheet

Programme	:	Foundation in Arts
Subject Code	:	FCIT1003
Subject Name	:	Introduction to Information Technology
Lecturer Name	:	Ts. Chan Ler-Kuan
Academic Session	:	2025A

Detail:

Assignment / Tutorial / Project / Report Title:	Assignment Case Study Question A
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Due Date:	17 April 2025

Assessment:

MARK:	Comments:

This cover sheet must be completed and firmly attached to the front of the submission. All works must be submitted by the due date. Please note that it is the student's responsibility to retain a copy of his / her own assignment.

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Question: A

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Rubric for Case Study

Criteria	0-2 Marks	3-4 Marks	5 Marks	Marks
Clarity and coherence of writing	Writing is unclear and lacks coherence.	Writing is mostly clear and coherent, with minor issues.	Writing is exceptionally clear and coherent throughout.	
Depth of reflection and analysis	Reflection and analysis are superficial and lack depth.	Reflection and analysis show a good understanding, with some depth.	Reflection and analysis are thorough and demonstrate deep understanding.	
Relevance and accuracy of observations	Observations are irrelevant or inaccurate.	Observations are mostly relevant and accurate, with minor inaccuracies.	Observations are highly relevant and accurate throughout.	
Proper use of references, screenshots, and badges	References, screenshots, and badges are missing or improperly used.	References, screenshots, and badges are mostly used correctly, with minor issues.	References, screenshots, and badges are used correctly and effectively throughout.	
Adherence to originality and formatting requirements	Report does not adhere to originality and formatting requirements.	Report mostly adheres to originality and formatting requirements, with minor deviations.	Report fully adheres to originality and formatting requirements, with no deviations.	
			TOTAL	

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Introduction

The AI bootcamp was a comprehensive study of artificial intelligence (AI) and its revolutionary influence in different sectors. This report summarizes the major takeaways, personal insights, and real-world applications gleaned from the bootcamp audio. Not only has the experience broadened my understanding of AI, but it has also changed my mind about the role of AI in contemporary society.

Observations

The bootcamp taught an enormous range of subjects on AI ranging from its definition, history and present use to machine learning, natural language processing and computer vision. The classes were directed at teaching skill in using AI to find solutions, automating manufacturing and implementing innovative solutions in projects in the field of medicine, finance, and everyday life. One of the highlight features of the bootcamp was the demonstration of the AI technology and tools that enhance productivity and ease of use. For instance, how AI is used in repetitive task automation, suggesting things, and even aiding in decision-making processes was well demonstrated. Most of the topics regarding AI were covered by the bootcamp, from what it is and how it came to be made to where it stands now and how it's being utilized. Top subject of interest was machine learning, natural language processing, and computer vision. The workshops educated the audience on how AI can be applied to solve real-life complex issues, increase productivity, and create innovative solutions to healthcare, finance, and day-to-day problems. The most impactful aspect of the bootcamp was the demonstration of AI products and technologies employed to increase efficiency and productivity and provide more convenience. For instance, the use of AI to carry out routine tasks, make personalized recommendations, and enable more discerning decision-making processes was debated in detail.

Personal Reflection

The bootcamp exposed us to several new concepts and uses of AI that were surprising but enlightening. Exposure to the uses of AI in making life and making it more wonder-struck was particularly enlightening. For example, the bootcamp session on AI in healthcare solutions was an eye-opener when one could see how AI was being implemented in early diagnosis and customized treatment plans. My understanding of AI grew many times after what was covered in the bootcamp. It supplemented my earlier understanding of basic AI concepts with real-world applications and sophisticated methodologies. The integration of theory with practice was superb. I had the preconceived notion that AI was such a theoretical and advanced technology. But bootcamp revealed how simple and pervasive AI has become and will go on to modify all sorts of aspects of our everyday lives. The shift in paradigm was perhaps best witnessed with the AI-based personal assistant and home automation arguments, putting into focus the mundane uses of AI.

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One of the most valuable aspects that one is able to learn at the bootcamp is learning how to utilize AI in everyday life in order to make it more efficient and convenient. As an example, I will use AI-based organizational and productivity software, such as virtual calendar planners and task managers. Additionally, AI-based home automation software has the capability of making household tasks easier to get done on a daily basis. Bootcamp learning and expertise will do the most to benefit my career and research work. Academic research work will see the application of AI technology in analysing research and data so outcomes are efficient and accurate. For instance, through machine learning technology utilized in sorting massive data bases in order to provide even better insights as well as support evidence-based decisions. In the workplace, I anticipate researching on AI-based solutions for optimization and innovation. Using AI in project management will automate processes and enhance decision-making. Knowing how AI works in various industries will allow me to identify areas of potential for its use in my line of work, enhancing progress and competitiveness.

AI learning plan has impacted my career and education by equipping me with skills and knowledge required. The capacity to develop and apply machine learning models, for example, can be effortlessly transferred to my future academic study and work projects. Real-life experience has also noted the need to remain up-to-date with technology, where one remains ahead of the pack in the constantly changing AI field. The learning plan also highlighted the need to combine theoretical learning with practical applications in order to be able to enjoy the potential of AI technologies.

Analysis

Furthermore, the AI learning plan has impacted my career aspirations greatly. My interest in AI before attending the bootcamp was unstructured and varied. Even so, the general exposure to how AI is used and the practical experience gained from the bootcamp have instilled in me the ambition to have a career in AI. My biggest interest is how to apply AI technology to address issues in the real world, e.g., improving health outcomes or making easier financial decision-making processes. This new lucidity and concentration in professional goals are a direct result of learning and experience being gained through the learning plan. Also, AI learning plan once again demonstrated that lifelong.
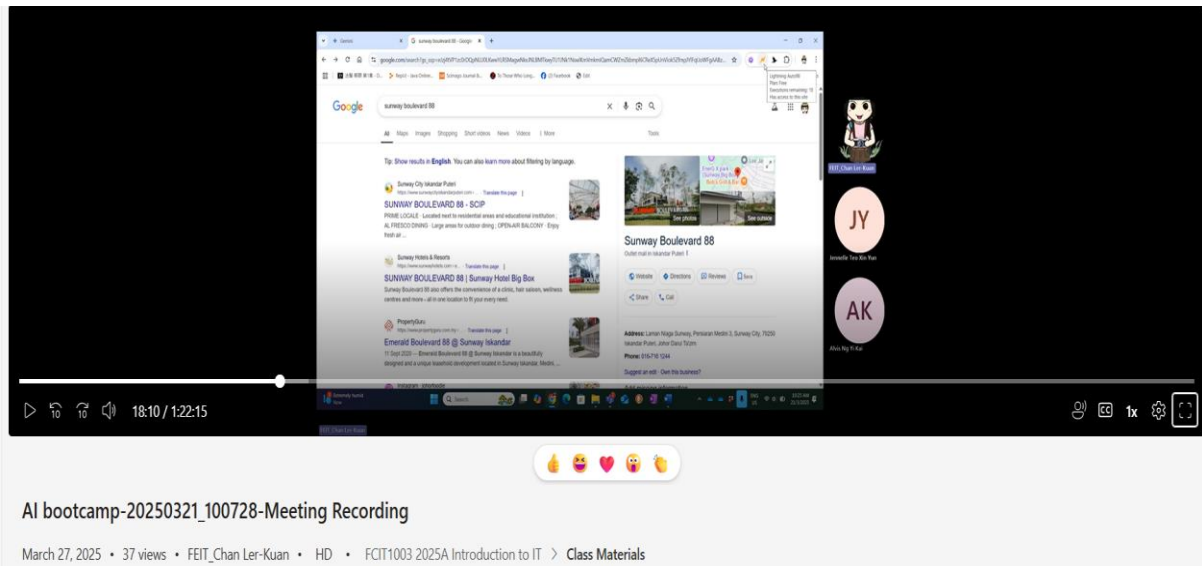
learning and adaptability are most crucial. AI theory keeps changing at every moment through new technology as well as emergence cropping up from time to time. In order to be relevant and impactful in my profession, I have to remain current with the current happenings and constantly substantiate my skills. This affirmative move will position me to leverage the full potential of AI in a bid to optimize innovation, efficiency, and impactful transformation in my line of work. The learning plan has thus helped me embrace a culture of lifelong learning, which is essential in achieving success in the ever-evolving world of AI.

Conclusion

Overall, the AI learning plan was an eye-opener that broadened my knowledge frontier as far as artificial intelligence and its application in the real world is concerned. It highlighted the importance of experiential learning and lifelong education to stay abreast of technology

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advancements. What I learned inspired me to become an AI expert and apply these technologies to address real-world issues. In the future, I vow to apply AI to improve innovation and efficiency in my academic and professional endeavours.

AI bootcamp-20250321_100728-Meeting Recording

March 27, 2025 • 37 views • FEIT_Chan Ler-Kuan • HD • FCIT1003 2025A Introduction to IT › Class Materials

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References List:

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Admin-Science. (2024, January 24). Guide to the MS in Artificial Intelligence program at Northeastern University. https://mmcalumni.ca/blog/get-ahead-in-the-field-of-artificial-intelligence-with-an-ms-in-artificial-intelligence-from-northeastern-university

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