



ARTS, SCIENCES & TECHNOLOGY UNIVERSITY IN LEBANON

Faculty of Sciences & Fine Arts

Computer Science Department

Page 1 of 2

Master Thesis Proposal Form

OUCP–Master Thesis
Proposal Form

The role of artificial intelligence in financial management At the Commercial Bank of Iraq.

Part I. Student & Thesis Information [To be completed by the Supervisor]

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Starting Time of the Thesis											
Academic Year	201		/ 201		Semester		Fall		Spring		Summer

Title of the Thesis	
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Thesis Keywords	
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Summary of the Proposal	Background Financial institutions are becoming increasingly eager to embrace current societal expectations as part of their business strategy At the Commercial Bank of Iraq.. This aspect has increased the concept of corporate sustainability as all these organizations seek to allow stakeholders along with employees to explore alternative opportunities to achieve competitive advantage. Financial management is an important aspect of promoting sustainable actions and development within the financial sector. This approach has been effective for CFOs to monitor and manage all managerial roles and transactions within organizations. Most international financial sectors rely on artificial intelligence in their operations to provide customers with superior functional assistance. Market exploration as well as supervisory evaluation testing and trial. These technological capabilities have caused massive transformations in the finance sector resulting in increased transparency and security while conducting various financial transactions throughout the third world. Analysis of diverse literature would contribute to assessing the general effectiveness of artificial intelligence in increasing financial transactions globally.
	Aims and objectives <ol style="list-style-type: none"> 1. Examine the theory and history behind AI to better understand the use cases and what the technology can do in financial management At the Commercial Bank of Iraq.. 2. To describe the role of artificial intelligence in financial management: a theoretical perspective At the Commercial Bank of Iraq. . 3. To represent the classic and modern look of AI At the Commercial Bank of Iraq.. 4. Examine the sub-technologies within our AI and whether they can be integrated with financial management At the Commercial Bank of Iraq..



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Page 1 of 2

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5. Discussing applications, risks, and potential impacts of using artificial intelligence in financial management.
6. Identify the current and future use of artificial intelligence in financial management.
7. Conduct a case study where the theory is put into a practical context in financial management.

Expected outcomes

FinTech companies entering this sector can be considered strong competitors to existing companies and institutions, financial professionals and artificial intelligence. Experts in this sector believe that its future will involve the creation of strategic partnerships between new technology companies and traditional institutions. Research shows that the entry of new companies may generate new competitive dynamics within The financial sector believes that its entry is beneficial to the sector.

Research Methodology

The research method is desk and conceptual research. This research is propounded for new age financial learners and management students, who want to familiarize themselves with financial knowledge. The Research Design has been done on the basis of personal reading, observation and focus on the conceptual framework of artificial intelligence in financial performance. Data Collection: In this research the data has been reviewed from secondary sources such as books, research paper or journal articles, internet reports and newspaper articles etc.

Tools used for research/project

This study will use the invention of a mobile application and the distribution of questionnaire questions to show the results of the study At the Commercial Bank of Iraq..

References

1. Allas, T., Bughin, J., Chui, M., Dahlström, P., Hazan, P., Henke, N., Ramaswamy, S. and Trench, M. (2018) 'McKinsey: analytics comes of age', McKinsey Analytics, January, pp.18–34, [https://www.mckinsey.com/~media/McKinsey/Business Functions/McKinsey Analytics/Our Insights/Analytics comes of age/Analytics-comes-of-age.ashx](https://www.mckinsey.com/~media/McKinsey/Business%20Functions/McKinsey%20Analytics/Our%20Insights/Analytics%20comes%20of%20age/Analytics-comes-of-age.ashx).
2. Brandl, B. and Hornuf, L. (2017) 'Where did finTechs come from, and where do they go? the transformation of the financial industry in Germany after digitalization', SSRN Electronic Journal, <https://doi.org/doi:10.2139/ssrn.3036555>.
3. Brock, J.K.U. and von Wangenheim, F. (2019) 'Demystifying ai: what digital transformation leaders can teach you about realistic artificial intelligence', California Management Review, Vol. 61, No. 4, pp.110–134, <https://doi.org/10.1177/1536504219865226>.
4. Bughin, J., Hazan, E., Ramaswamy, S., Chui, M., Allas, T., Dahlström, P., Henke, N. and Trench, M. (2017) 'Artificial intelligence – the next digital frontier?', McKinsey Global Institute Discussion Paper, Vol. 2017, No. 4, pp.6–41, [https://doi.org/10.1016/S1353-4858\(17\)30039-9](https://doi.org/10.1016/S1353-4858(17)30039-9).
5. Canina, L. and Orero-Blat, M. (2021) 'A practical tool to measure digital competences: teamschamp', International Journal of Services Operations and Informatics, Vol. 11, No. 1, pp.1–12.
6. Cao, L. (2020) 'AI in finance: a review', SSRN Electronic Journal, Vol. 00, pp.1–47, <https://doi.org/10.2139/ssrn.3647625>.
7. Carmo, H. and Ferreira, M. (2008) Metodologia da investigação: guia para a auto-aprendizagem, 2a Edição, Universidade Aberta.



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Page 1 of 2

Master Thesis Proposal Form

OUCP–Master Thesis
Proposal Form

8. Costa, R.L., Geraldes, R., Dias, Á., Pereira, L.F., Gonçalves, R. and Geraldes, J. (2021) 'Creating sustainable competitive advantages through dynamic capabilities', International Journal of Business Excellence, Vol. 1, No. 1, pp.110–125.
9. Dias, Á.L., Manuel, E.C., Dutschke, G., Pereira, R. and Pereira, L. (2021) 'Economic crisis effects on SME dynamic capabilities', International Journal of Learning and Change, Vol. 13, No. 1, pp.63–80.
10. Fountaine, T., McCarthy, B. and Saleh, T. (2019) 'Building the AI-powered organization', Harvard Business Review, July-August, <https://hbr.org/2019/07/building-the-ai-powered-organization>.
11. Gokul, B. (2018) 'Artificial intelligence in financial services', Sansmaran Management Research Journal, Vol. 8, No. 1, pp.3–5

Part II. Student's Declaration on Plagiarism and signatures

- I agree to take the above thesis as a part of my graduate study.
- I am aware of the 'Principles of Research Ethics' as should be obeyed and I declare that the thesis that I will submit to the Institute of Graduate Studies and Research will be the result of my own independent work and that in all cases, material from the work of others will be fully cited and referenced as required by the academic rules and ethical conduct. I understand that if any kind of plagiarism is detected in my written work, the Institute will take the case to the 'Disciplinary Committee' for necessary action.

Part III. Student's Approval

Student's Signature		Date	/ / 20
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Part IV. Supervisor's Approval

Supervisor's Signature		Date	/ / 20
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For administrative use only:

Part V. Department Chairperson's Approval

Chairman		Signature		Date	/ / 20
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Part VI. Dean's Approval

Dean		Signature		Date	/ / 20
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