AI人機協作架構師證照學習資源

評鑑主題	學習資源	種類	連結
1. AI基礎與能力邊界	Lewis, P., Perez, E., Piktus, A., Petroni, F., Karpukhin, V., Goyal, N., Küttler, H., Lewis, M., Yih, W.-T., Rocktäschel, T., Riedel, S., & Kiela, D. (2020). Retrieval-augmented generation for knowledge-intensive NLP tasks. Advances in Neural Information Processing Systems, 33, 9459–9474.	會議論文	https://arxiv.org/abs/2005.11401
	Schneider, J., Meske, C., & Kuss, P. M. (2024). Foundation models. Business & Information Systems Engineering, 66(2), 221–231.	期刊論文	https://doi.org/10.1007/s12599-024-00851-0
	International Organization for Standardization. (2022). Information technology—Artificial intelligence—Artificial intelligence concepts and terminology (ISO/IEC Standard No. 22989:2022).	國際標準	https://www.iso.org/standard/74296.html
	Hillebrand, L., Raisch, S., & Schad, J. (2025). Managing with artificial intelligence: An integrative framework. Academy of Management Annals, 19(1), 343–375.	期刊論文	https://doi.org/10.5465/annals.2022.0072
	Ji, Z., Lee, N., Frieske, R., Yu, T., Su, D., Xu, Y., Ishii, E., Bang, Y. J., Madotto, A., & Fung, P. (2023). Survey of hallucination in natural language generation. ACM Computing Surveys, 55(12), Article 248.	期刊論文	https://doi.org/10.1145/3571730
	Russell, S. J., & Norvig, P. (2020). Artificial intelligence: A modern approach (4th ed.). Pearson.	教科書	https://aima.cs.berkeley.edu/
	Shneiderman, B. (2022). Human-centered AI. Oxford University Press.	專書	https://doi.org/10.1093/oso/9780192845290.001.0001
	Autio, C., Schwartz, R., Dunietz, J., Jain, S., Stanley, M., Tabassi, E., Hall, P., & Roberts, K. (2024). Artificial intelligence risk management framework: Generative artificial intelligence profile (NIST AI 600-1). National Institute of Standards and Technology.	官方框架	https://doi.org/10.6028/NIST.AI.600-1
2. 工作流程與任務設計	Van de Ven, A. H., Delbecq, A. L., & Koenig, R., Jr. (1976). Determinants of coordination modes within organizations. American Sociological Review, 41(2), 322–338.	期刊論文	https://doi.org/10.2307/2094477
	Dumas, M., La Rosa, M., Mendling, J., & Reijers, H. A. (2018). Fundamentals of business process management (2nd ed.). Springer.	奠基教科書	https://doi.org/10.1007/978-3-662-56509-4
	Parker, S. K., & Grote, G. (2022). Automation, algorithms, and beyond: Why work design matters more than ever in a digital world. Applied Psychology, 71(4), 1171–1204.	期刊論文	https://doi.org/10.1111/apps.12241
	Stelmaszak, M., Joshi, M., & Constantiou, I. (2026). Artificial intelligence as an organizing capability arising from human-algorithm relations. Journal of Management Studies, 63(2), 335–365.	期刊論文	https://doi.org/10.1111/joms.70003
	Parker, S. K., Knight, C., Klonek, F. E., & Zhang, F. (Eds.). (2025). Transformative work design: Synthesis and new directions. Oxford University Press.	專書	https://doi.org/10.1093/oso/9780197692554.001.0001
3. 人機協作設計	Parasuraman, R., Sheridan, T. B., & Wickens, C. D. (2000). A model for types and levels of human interaction with automation. IEEE Transactions on Systems, Man, and Cybernetics—Part A: Systems and Humans, 30(3), 286–297.	期刊論文	https://doi.org/10.1109/3468.844354
	Wickens, C. D., Helton, W. S., Hollands, J. G., & Banbury, S. (2022). Engineering psychology and human performance (5th ed.). Routledge.	教科書	https://doi.org/10.4324/9781003177616
	Stelmaszak, M., Joshi, M., & Constantiou, I. (2026). Artificial intelligence as an organizing capability arising from human-algorithm relations. Journal of Management Studies, 63(2), 335–365.	核心期刊論文	https://doi.org/10.1111/joms.70003
	Tsai, C.-Y., Marshall, J. D., Eckardt, R., Dionne, S. D., Jung, M. F., Hou, Y. T.-Y., & Yang, B. (2025). Human capital robotic integration and value creation for organizations. Journal of Organizational Behavior. Advance online publication.	核心期刊論文	https://doi.org/10.1002/job.70044
	European Parliament & Council of the European Union. (2024). Regulation (EU) 2024/1689 laying down harmonised rules on artificial intelligence (Artificial Intelligence Act), Article 14: Human oversight. Official Journal of the European Union.	歐盟法規	https://eur-lex.europa.eu/eli/reg/2024/1689/oj/eng#art_14
	Amershi, S., Weld, D., Vorvoreanu, M., Fourney, A., Nushi, B., Collisson, P., Suh, J., Iqbal, S., Bennett, P. N., Inkpen, K., Teevan, J., Kikin-Gil, R., & Horvitz, E. (2019). Guidelines for human-AI interaction. In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (Paper 3, pp. 1–13). Association for Computing Machinery.	會議論文	https://doi.org/10.1145/3290605.330023

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3. 人機協作設計	International Organization for Standardization. (2022). Information technology—Artificial intelligence—Artificial intelligence concepts and terminology (ISO/IEC Standard No. 22989:2022).	國際標準	https://www.iso.org/standard/74296.html
	Grote, G., Parker, S. K., & Crowston, K. (2026). Taming artificial intelligence: A theory of control-accountability alignment among AI developers and users. Academy of Management Review, 51(2), 278–299.	期刊論文	https://doi.org/10.5465/amr.2023.0117
	Lee, J. D., & See, K. A. (2004). Trust in automation: Designing for appropriate reliance. Human Factors, 46(1), 50–80.	期刊論文	https://doi.org/10.1518/hfes.46.1.50_30392
	Shneiderman, B. (2022). Human-centered AI. Oxford University Press.	專書	https://doi.org/10.1093/oso/9780192845290.001.0001
4. AI導入與成效評估	Laudon, K. C., Laudon, J. P., & Traver, C. G. (2025). Management information systems: Managing the digital firm (18th ed.). Pearson.	教科書	https://www.pearson.com/en-us/subject-catalog/p/management-information-systemsmanaging-the-digital-firm/P200000012266/9780138344108
	International Organization for Standardization. (2023). Information technology—Artificial intelligence—AI system life cycle processes (ISO/IEC Standard No. 5338:2023).	國際標準	https://www.iso.org/standard/81118.html
	Tabassi, E. (2023). Artificial intelligence risk management framework (AI RMF 1.0) (NIST AI 100-1). National Institute of Standards and Technology.	官方框架	https://doi.org/10.6028/NIST.AI.100-1
	Brynjolfsson, E., Li, D., & Raymond, L. R. (2025). Generative AI at work. The Quarterly Journal of Economics, 140(2), 889–942.	期刊論文	https://doi.org/10.1093/qje/qjae044
	Vaccaro, M., Almaatouq, A., & Malone, T. W. (2024). When combinations of humans and AI are useful: A systematic review and meta-analysis. Nature Human Behaviour, 8, 2293–2303.	期刊論文	https://doi.org/10.1038/s41562-024-02024-1
5. 組織變革與採用	Venkatesh, V., Morris, M. G., Davis, G. B., & Davis, F. D. (2003). User acceptance of information technology: Toward a unified view. MIS Quarterly, 27(3), 425–478.	期刊論文	https://doi.org/10.2307/30036540
	Cummings, T. G., & Worley, C. G. (2025). Organization development and change (12th ed.). Cengage.	教科書	https://www.cengage.com/c/organization-development-and-change-12e-cummings-worley/9780357986158/
	Kotter, J. P. (2012). Leading change. Harvard Business Review Press.	教科書	https://store.hbr.org/product/leading-change-with-a-new-preface-by-the-author/11116
	Duan, W., Zhou, S., Scalia, M. J., Freeman, G., Gorman, J., Tolston, M., McNeese, N. J., & Funke, G. (2025). Understanding the processes of trust and distrust contagion in human-AI teams: A qualitative approach. Computers in Human Behavior, 165, Article 108560.	核心期刊論文	https://doi.org/10.1016/j.chb.2025.108560
	Stelmaszak, M., Joshi, M., & Constantiou, I. (2026). Artificial intelligence as an organizing capability arising from human-algorithm relations. Journal of Management Studies, 63(2), 335–365.	期刊論文	https://doi.org/10.1111/joms.70003
	Tsai, C.-Y., Marshall, J. D., Eckardt, R., Dionne, S. D., Jung, M. F., Hou, Y. T.-Y., & Yang, B. (2025). Human capital robotic integration and value creation for organizations. Journal of Organizational Behavior. Advance online publication.	期刊論文	https://doi.org/10.1002/job.70044
	Burton, R. M., Obel, B., & Håkonsson, D. D. (2026). Organizational design: A step-by-step approach (5th ed.). Cambridge University Press.	教科書	https://doi.org/10.1002/job.70044
	Parker, S. K., Knight, C., Klonek, F. E., & Zhang, F. (Eds.). (2025). Transformative work design: Synthesis and new directions. Oxford University Press.	專書	https://doi.org/10.1093/oso/9780197692554.001.0001

建議考生可自行使用生成式 AI 工具進行整理、分析便於研讀，以做為考前練習。