

Curriculum Vitae



Dr Jess Tan Wei Chin

Senior Lecturer, Business Analytics Programme
School of Business

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Education Qualifications

2022	SUSS - Doctor of Philosophy
2005	NUS-Master of Science in Statistics
2001	NUS-Bachelor of Science with Merit

Academic and Professional Experience

2016	Senior Faculty Lecturer, School of Business, SIM University
2014 - 2016	Associate Instructor, School of Business, SIM University
2012 - 2016	Senior Deputy Director, Business Intelligence and Analytics, Central Provident Fund Board
2010 - 2011	Manager, Gaming Optimization, Marina Bay Sands Pte Ltd
2007 - 2010	AVP, Business Analytics, DBS Bank
2006 - 2007	Manager, Business Analytics, HSBC
2005 - 2006	Manager, Business Analytics, Singapore Telecommunications Ltd
2004 - 2005	Consultant, SAS Institute Private Limited
2001 - 2004	Consultant, NCS Private Limited

Research Interests

- Data mining and business analytics applications
- Learning analytics

Selected Publications

- **Tan, W. C. J.**, Lee, C. S., & Koh, H. C. (2021). Implementing an online engagement framework using LMS data: A case study. EDULEARN21 Proceedings

- **Tan, W. C. J.**, & Koh, H. C. (2019). Using Data Mining to Validate and Enhance the Full-Time Student Selection Process. Proceedings of New Achievements and Developments in Multidisciplinary Academic Research
- **Tan, W. C. J.**, Tan, C. H., & Koh, H. C. (2019). Harnessing Learning Analytics to Improve Online Quiz Equity. ACE2019 Conference Proceedings
- **Tan, W. C. J.**, Gervais, G., & Koh, H. C. (2019). A Course Level Analysis of Academic Performance on Adult Learners. ASCILITE 2019 Conference Proceedings
- **Tan, W. C. J.**, Gervais, G., & Koh, H. C. (2019). Online Engagement as A Decision Criterion in Digital Course Design. ICERI2021 Proceedings
- **Tan, W. C. J.**, Gervais, G., & Koh, H. C. (2018). University Leadership and Support in Learning Analytics. Companion Proceedings of the 8th International Conference on Learning Analytics & Knowledge (LAK'18), 137 - 137
- **Tan, W. C. J.**, & Koh, H. C. (2018). Operationalising Online Engagement. Proceedings of IAC in Vienna 2018"
- **Tan, W. C. J.**, & Koh, H. C. (2017). Blended Vis-a-Vis Face-To-Face Courses: The Effect of Delivery Mode on Adult Learners' Performance. ACE2017 Conference Proceedings, 105 - 116
- **Chin, J. T. W.**, & Koh, H. C. (2017). A Comparison Of Adult Learners' Performance In Blended Vis-à-vis In Face-to-face Courses. EDULEARN17 Proceedings, 8128 - 8133
- Hian Chye Koh, **Wei Chin Tan**, Chwee Peng Goh (2006). A Two-step Method to Construct Credit Scoring Models with Data Mining Techniques. International Journal of Business and Information, Volume 1 Number 1, 96-118.
- Hian Chye Koh, **Wei Chin Tan**, Chwee Peng Goh (2004). Credit Scoring using Data Mining Techniques. Singapore Management Review; 2nd Half, Vol. 26 Issue 2, 25