

WSQ AI- POWERED FINANCE

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AUTOMATING INSIGHTS & RISK MANAGEMENT

Course Synopsis

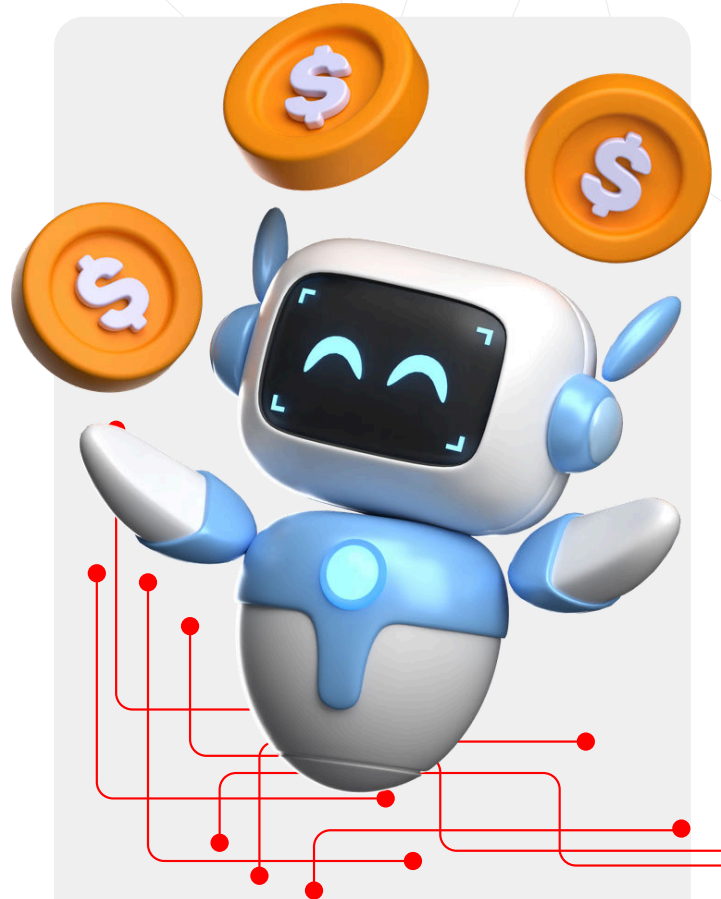
This WSQ course equips business owners, finance professionals, and individuals seeking to upskill with the practical capability to deploy **Generative and Agentic AI** as "cognitive thinking partners" across key financial functions. Participants will develop a structured understanding of generative and discriminative models, mastering the transition from traditional "Transactional Finance" to a "Responsible Augmented" framework.

Through high-stakes scenarios and the **Finance AI Lab**, participants will explore how AI agents - such as **OpenClaw** - can be orchestrated to automate complex workflows including real-time **PayNow/PINT (Peppol)** reconciliations, **IRAS GST** validation, and **Zero-Day Close** operations. The course emphasises advanced prompt engineering to automate **BEPS 2.0 tax documentation**, **ISSB-aligned ESG reporting**, and **SGX-compliant** board disclosures.

Participants will secure financial integrity by deploying AI to detect **deepfake fraud**, analyse **circular ownership** via **ACRA synthesis**, and predict risks using regional "soft data". The curriculum is deeply anchored in the **2026 MAS AI Risk Management Handbook**, teaching "Human-in-the-Loop" (HITL) oversight to mitigate model bias and ensure compliance with the **17 core regulatory considerations**. Ethical and societal implications, such as the "black box" nature of expense management and the strategic upskilling of the workforce, are analysed to ensure transparency and fairness.

By the end of the course, you will be equipped to build a concrete **Finance Augmentation Backlog**, moving beyond simple automation to drive measurable ROI and strategic innovation in finance operations.

Course Code: TGS-2026063166



Prerequisites

- 1 GCE 'O' level or equivalent (≥ 21 years old); or
- NITEC/Higher NITEC (≥ 21 years old); or
- Mature candidates (≥ 30 years old with 8 years of work experience); or
- Candidates with other qualifications will be considered on a case-by-case basis
- Experience with finance: Nil to Minimal one year of work experience with knowledge of finance.

Total Training Hours:

- 24-hour training course including a 2-hour assessment
- Written Assessment

Learning Units



Learning Unit 1

Foundations of AI Models in Finance:
Generative vs Discriminative



Learning Unit 2

How Generative AI Models Work:
Automating Finance Tasks and Workflows



Learning Unit 3

Shaping AI Outputs:
Mastering Prompt Engineering
for Financial Insights



Learning Unit 4

Safeguarding Finance AI Systems:
Data Quality, Bias, and Compliance



Learning Unit 5

Strategic Innovation with AI:
Brainstorming Practical Finance Applications

Course Objectives

By the end of this course, learners should be able to:

- ✔ Analyse generative and discriminative AI models to select appropriate approaches for common accounting use cases.
- ✔ Utilise generative AI models to produce outputs from training data and algorithms for automating accounting workflows such as summarisation, transformation, reasoning, and content augmentation.
- ✔ Evaluate how prompt engineering influences generative AI outputs by testing prompt variations and analysing resulting performance and fitness-for-purpose for financial insights.
- ✔ Assess how data quality and model-pipeline factors can introduce limitations or bias in AI outputs by analysing risks to compliance and the integrity of financial decision-making.
- ✔ Propose practical generative AI applications for finance by applying core principles of generative AI, while identifying ethical and societal implications and incorporating these considerations into the proposed solution.


Programme Fee

\$S\$1,600
(exclusive of 9% GST)


PROGRAMME FEE AFTER ELIGIBLE SSG SUBSIDIES:

From **\$S\$624.00**

(inclusive of 9% GST) after 70% SSG Subsidies

 Self-Sponsored	Course Fee <small>before Subsidy and GST</small>	Eligible Funding	Nett Fees Payable <small>incl. 9% GST</small>
Singapore Citizens ≥ 40 years old	\$S\$1,600.00	70% SkillsFuture Funding	\$S\$624.00
Singapore Citizens, PRs or LTVP+ Holders ≥ 21 years old		50% SkillsFuture Funding	\$S\$944.00

SkillsFuture Credits can be used on top of existing subsidies

 Company-Sponsored	Course Fee <small>before Subsidy and GST</small>	Eligible Funding	Nett Fees Payable <small>incl. 9% GST</small>
Small-to-Medium Enterprise (SME) Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old	\$S\$1,600.00	70% SkillsFuture Funding	\$S\$624.00
Non-SME Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old		50% SkillsFuture Funding	\$S\$944.00
Non-SME Singaporean Citizens ≥ 40 years old		70% SkillsFuture Funding	\$S\$624.00

Trainees are entitled to the training grant when they meet 75% of the training attendance and pass the requisite assessment.


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