

Launch Your Tech Career as a Jr Data Engineer & Analyst!

Up to
95%
Subsidies & Funding

Join our **14 week full-time train-and-place programme** designed to equip you with the skills, confidence, and experience to thrive in the data sector.

Beyond training we will also connect graduates to our hiring pool of SME & MNC employer partners!



SkillsFuture Career Transition Programme (SCTP)



Structured path for beginners through to entry-level coders



Guaranteed interviews with hiring tech employers



Dedicated Job Matching & Placement support for up to 6 months post-programme

Now including AI & LLM modules

**Eligible for
Mid Career Citizens
Training Allowance***

\$300 - \$3000/Monthly

**Training allowance is available for Singaporeans above 40 through the SkillsFuture Midcareer Training Allowance.*



Overview

What Is the Jr. Data Engineer & Analyst Programme?

This programme is a SkillsFuture Career Transition Programme, by **Generation Singapore in partnership with Temasek Polytechnic and Microsoft**. It aims to train individuals who aspire to career transition into the growing tech sector as Data Engineers or Analysts.

During training, learners will build the technical skills to develop and manage data workflows and create dashboards using **Microsoft Azure** and **Power BI** for analysis, and apply AI tools such as **LLMs, prompt engineering** and **RAG** to real-world business challenges. They will also build the behavioural skills and mindsets (BSMs) needed to thrive in data teams and develop a meaningful career.

Graduates will receive job placement support including interviews and job placement assistance, with the **goal of securing an entry/mid level tech role within six months of graduation**.

Through this program, you'll learn:

- Programming fundamentals using SQL and Python.
- Data analysis and visualisation, with Power BI.
- Build and manage data pipelines using cloud-based tools including Snowflake, Microsoft Azure and Databricks.
- Practical AI skills, including LLM APIs, prompt engineering, RAG and building AI-powered applications such as chatbots.

Who should apply:

- Singapore Citizens, Permanent Residents, and LTVP+ aged 21 and over
- Early/mid-career job seekers with minimal coding or data experience aiming to land a tech role
- Mid-career professionals with some coding knowledge looking to switch to data roles
- Enjoys working with data, spotting patterns, and turning messy information into clear insights.

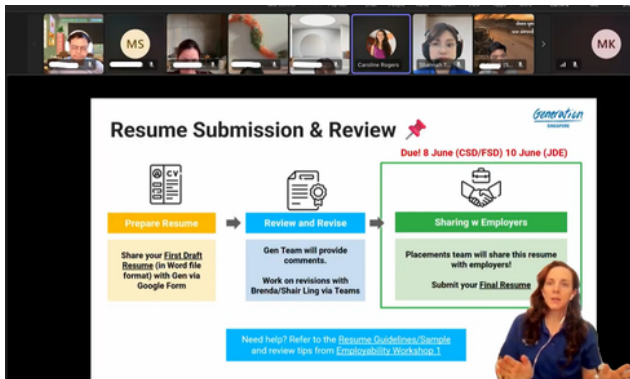


Career Pathways Include :

- **Junior Data Engineer**
- **Data Analyst**
- **Data Engineering Associate**
- **Other Tech-related Roles**

Course Structure

The programme is a **full-time 14 week bootcamp** that combines **technical training, professional skills, and employment essentials**. These are delivered through **hands-on projects** and **real-world industry scenarios** to prepare and grow your portfolio for your future opportunities.



Online Training on
Microsoft Teams



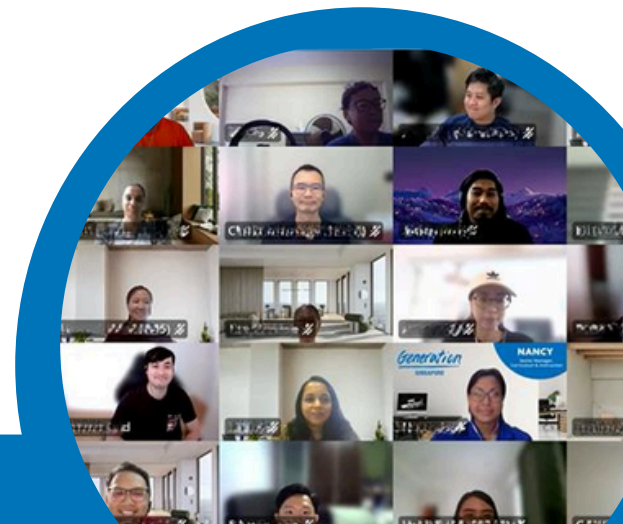
Temasek Polytechnic East Wing
Block 1A

Duration	14 Week Training + 6 Months Job Placement Support
Mode of Delivery	ONLINE Monday - Friday (9am - 5pm)
Note: Only first day of class, graduation and job interviews will be held at Temasek Polytechnic East Wing Block 1A	

AI Content Covered

As part of the course, you'll gain practical experience in applying AI effectively and responsibly to solve business challenges, including:

- AI fundamentals and practical applications
- LLM APIs, prompt engineering, embeddings and RAG
- Building AI-powered applications using frameworks such as LangChain
- Evaluating and refining AI outputs for real-world data workflows



Course Fees and Funding Support

Eligibility	Subsidies	Payable Fees (W GST)
Full Course Fee	0% Subsidy	\$19,620.00
Singapore Citizen of any age AND any of the following: • Long Term Unemployment (≥ 6 Months unemployment) • Individuals currently receiving WIS/SMTA • Persons with Disabilities	95% Subsidy	\$1,386.00 *SkillsFuture credits can be used to offset the fees to as low as \$0
Singapore Citizens aged 40 & above	90% Subsidy	\$2,286.00 *SkillsFuture credits can be used to offset the fees to as low as \$0
Singapore Citizens aged 39 & below OR Permanent Residents OR LTVP+	70% Subsidy	\$5,886.00 *SkillsFuture credits may be used to reduce payable fees

Applying is free, and you may **withdraw at any time before payment with no penalty**. Fees are due no later than one month before the course start date. Payment must be made in full upfront via cash, credit card, or SkillsFuture Credit only. Payment confirms your place in the programme. Withdrawals after payment may incur a penalty unless a valid reason is provided, in line with SSG SCTP terms and conditions (e.g. employment secured, caregiving responsibilities, or medical reasons).

Training Allowance

Mid-Career Training Allowance

Singapore citizens ages 40 or above may qualify for the **SkillsFuture Singapore (SSG) Mid-Career Training Allowance*** while enrolled in GenSG full-time tech programme.

Eligible learners who have received income within the past 12 months can receive **\$300-\$3000 per month*** during training.

**Learners should verify their training allowance with SSG directly or use the provided Training Allowance Calculator at www.myskillsfuture.gov.sg/upskill*

***Eligibility for the subsidies and bursaries is confirmed only upon receipt of a complete application. Awards are subject to eligibility and allocated on a first-come, first-served basis; early application is strongly encouraged.*

Job Placement Support

GenReady Job Fair & Confirmed Job Interviews

The programme's main goal is to **support graduates in securing meaningful employment** after completing training.

GenReady Day begins the six-month placement journey with **confirmed interviews across multiple employers**, creating early access to real hiring opportunities.



Our Tech Graduates at the GenReady Job Fair

Dedicated Job Placement Specialist

Throughout the six months, graduates lead their own job search while receiving **personalised support from a dedicated Job Placement Specialist**.

This support includes CV development, interview preparation, and job-search strategies. They will help you identify your strengths and work collaboratively to address your weaknesses, ensuring you stand out to hiring managers.

Job Coaching & Matching with Employer Partners

Graduates have the option to receive job coaching and/or counseling to enhance their soft skills and tackle the challenges that often accompany job searching.

Generation Singapore will also do matching to suitable openings through Generation's employer network to support a successful transition into a new role.



**81% Job
Placement
Rate***

* % of Tech Graduates from CSD, JDE & FSD who have attained a job within 180 days of graduating.

Ready to Start Your Tech Journey?

Application Steps:

1. Visit the Generation SG Website	Find the (SCTP) Junior Data Engineer & Analyst programme page. If applications aren't open yet, register your interest instead!
2. Find the Start Dates	Applications typically open 1-3 months before the programme start date. Go to the SCTP JDEA Page to find the start date for the programme.
3. Start Your Application	Click ' Apply Now ' when registration opens and create an account with your email. Applying is free , and you can withdraw at any time with no penalty .
4. Complete Skill Tasks	Complete a series of technical tasks to assess your comfort level with basic coding.
5. Recorded Interview	Submit a short self-recorded virtual video introduction about your goals and motivation.
6. Application Outcome	Upon completion, hear back within 3-15 working days with next steps if shortlisted.

Click here to visit the JDEA page to
apply or **register interest**



For enquiry or more information:



Email: contactsg@generation.org



WA Message Only: +65 9644 2780



Schedule a Call: [Gen.community/AppPhoneHelp](https://gen.community/AppPhoneHelp)

