



South African Reserve Bank Data Science Graduate Development Programme

The South African Reserve Bank (SARB) is looking for talented postgraduates to join its one-year Graduate Development Programme in January 2023.

What the South African Reserve Bank does

The SARB serves the economic well-being of South Africans through maintaining price and financial stability. It is responsible for the regulation of the South African financial sector, design and distribution of banknotes and coin, management of interest rates, setting the cash reserve requirement for banks and ensuring the stability of both the banking sector and the wider financial system.

Description

Data science is an inter-disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data. The core outcome of this programme is to develop deep capabilities in advanced analytics in central banking.

Format of the programme

Graduates will be placed in the Business Solutions and Technology Department (BSTD) at the SARB from January to December 2023. During the programme, graduates will attend various learning interventions, including technical training, at the SARB Academy. The programme offers opportunities for a Data Science track, and graduates will work in a Data Lab environment from time to time, on various use cases.

Duration of the programme

One year.

Requirements

To be considered as a SARB Graduate, candidates must have a postgraduate qualification or be in the process of completing a postgraduate qualification (ideally completed the course work) in one of the following fields:

- Data Science.
- Machine Learning/Artificial Intelligence.
- Predictive Analytics Modelling.
- Statistics.
- Applied Mathematics.
- Economics with Econometrics.
- Information Technology.
- Engineering.
- Business Mathematics and Informatics.

Additional requirements

Prospective candidates must:

- be South African citizens;
- be curious, innovative and self-motivated individuals with strong analytical skills;
- have a proven track record of academic excellence, with an overall average mark of 70% and above; and
- have excellent communication and interpersonal skills.
- coding with R and Python (will be an added advantage).

Remuneration and benefits

Graduates will receive a market-related salary and additional benefits for the duration of the programme.

How to apply

All interested parties are invited to apply online via www.resbank.co.za

- All the available vacancies will be visible.
- Please follow these links: WORK @ SARB > Latest vacancies (register and apply online).
- Login (right-hand side of the screen):
 - Is this your first visit to our Job Site? > Register today (Ensure that you include all your qualifications and skills during the registration process); or
 - Already registered on our Job Site? > Already registered? > Login.
- Select 'Date posted' > 'Last 6 weeks' (in the drop-down menu)
- Select the appropriate IRC number to view the full advertisement.

Please include a CV, copy of your academic transcript and your identity document with your application.

Closing date

The closing date for applications is **30 October 2022**. Late applications will not be considered.

Selection process

Shortlisted applicants will be invited to participate in interviews and will be subjected to a psychometric assessment, an appropriate reference check and a security clearance as part of the selection process.

In line with the SARB's commitment to diversifying its workforce, preference will be given to suitable candidates from designated groups. Correspondence will be limited to shortlisted candidates only.

Kindly send any programme-related questions to the following email address: datasciencegdp@resbank.co.za



SOUTH AFRICAN RESERVE BANK