



## SQL Dev 1

Age: 37

City: Fourways, Johannesburg

Gender: Male

Ethnicity: Indian

Busy completing his Bachelor of Science Honors in Data Science and with 10 years BI Development experience working for some of the Top Banks in SA where he set up BI environments (QlikView) from scratch.

Proficient in Qlik Sense and QlikView, Power BI development, he has coded both the backend and designed the front end and implemented business intelligence models across a range of functions, including Finance, Sales, HR, Call Centre, Inventory Management, Wealth Management, and Home Loans among others.

- Strong ability in client and stakeholder engagement, as well as gathering business requirements from both business and technical users.
- Querying data from multiple sources and modelling them in Qlik or Power BI.
- Transforming and cleaning data to create a Star schema or Snowflake schema, Dimension and Fact tables, or if no Data warehouse existed, he created his own within Qlik
- Effective communication with business owners/stakeholders to collect requirements and business data rules for new development projects, and to assist in defect resolution during testing.
- Proactive in driving the adoption of standards and governance.
- Demonstrated capacity to troubleshoot and resolve problems in a production support environment, with strong analytical skills to identify and implement process improvements.
- Willingness to take on assignments that involve unfamiliar subjects, and capable of learning quickly.
- Collaborative team player who contributes to team goals and encourages and supports fellow team members.
- Skilled in visualizing data to convey insights and drive action.

### Achievements:

- Recognized in 2022 with an award in his department, a Dinner in the Sky for two, for developing a business intelligence solution that enabled the entire group to analyse data from JIRA, a software tool used to plan, track, and manage agile and software development projects. Leveraging his skills in Python, wrote code to request JSON data on all projects in the bank Group, and ETL-ed the data into a business intelligence tool to derive valuable insights.
- Earned three distinctions in 2021 for his BSc Honors in Data Science, with a 90% score in Big Data and Analytics, a 94% score in Communication in Data Science, and a 75% score in Research Methodology. (1 Module outstanding to be completed in the second half of 2024)
- Serve as Team Leader of the Home Loan Division Business Intelligence team in 2018, leading a team of professionals in designing, developing, and implementing business intelligence solutions to support strategic decision-making.
- Selected as one of the few graduates from South Africa to participate in an all-expense-paid trip to India for a 3-month upskilling program in infrastructure management technologies, honing his skills in Linux, VMware, ITIL and MSSQL.
- Achieved ITIL and QlikView Data Architect Certifications, validating his expertise in IT service management and business intelligence modelling, respectively.
- Conceptualized and designed a Capacity Management information system which collected performance and utilisation data of almost every IT component in the Sanlam Group which lead to a savings of about 8 million in the 1st year of creation. Developed a cost-cutting and risk mitigation model for IT infrastructure using QlikView. It achieved this by providing actionable data and management information to clients, enabling them to better manage their IT environment. For example, the model allowed for "just in time" purchasing of hardware, identified

the right amount of IT needed to service business requests, reclaimed overprovisioned resources, and provided input to finance by forecasting costs for the upcoming financial year.

- Graduated with a Bachelor of Commerce (B.Com.) degree in Management of Information Systems.
- By April 2024, he will be Power BI certified.

## Work History

**Position: Director**

**Duration: 2023 to 2024.**

**Company: Technology sector**

- Took the opportunity to diversify his skillset by improving his knowledge in the Microsoft stack.
- Focusing on getting certified in Microsoft Power BI and all the technologies within Microsoft Fabric.
- Attempted to start a business to import palm oil from Malaysia and package the product with automated machinery for sale to the low-income class at a cheaper price than is currently being available on the market.

*Reason for leaving:*

- The business did not work out, they ran out of capital, and there were disagreements between him and his business partner, which led to them closing the business.

**Position: Specialist Financial Control Analysis**

**Duration: 2020 to 2023**

**Company: Bank Head Office**

- There was only one BI developer in the financial control department, which was him. His manager had no prior business intelligence experience, started the BI environment from scratch.
- He set up the entire BI environment, end to end from processes, meetings, gathering requirements, QlikSense development, extracting data, building the model etc.
- Solely responsible for the end-to-end development of financial data for the Group, South Africa and ARO countries. In this role, I take ownership of the entire process, from gathering clients' requirements from extracting data from various sources, to modelling the data in the backend to designing the front end of a model that meets the client requirements, while handling various activities in between such as process design, strategy development, maintenance, debugging, data sourcing and modelling, stakeholder engagement, security compliance, audits, governance, and mentoring his manager.
- Finance Qlik Sense models created DRM Cost center Hierarchy model, Balance sheet Analytics, Income statement Analytics, General Ledger Reconciliation and Commission.
- DRM Tracked changes in the Account code and Cost center Hierarchy for the entire Group, these account codes and cost center hierarchies were mapped to various currencies to roll up into the Balance sheet, Income statement and General ledger reconciliation model.
- Converted a Microsoft Power BI model to Qlik Sense
- Helped other Power BI business users who were trying to create their own Power BI Models with DAX and M code assistance.
- Developed a python script which pulls data from a JIRA API in the cloud to return JSON data for input into a JIRA Qlik Sense model which I won an award for.
- Creation of a Business intelligence Process document which was signed off by Manco.
- Creation of a Microsoft bot to scrape a website and drop xml files for input into the Financial Models for BA 900 Data from external websites.

*Reason for leaving:*

- He decided to start his own business.

**Position: Senior Business Intelligence Developer**

**Duration: 2018 to 2020**

**Company: Bank**

- Served as Team Leader of the Home Loan Division Business Intelligence team in 2018, leading a team of professionals in designing, developing, and implementing business intelligence solutions to support strategic decision-making.
- Mostly did the backend coding, to create star or snowflake schema and helped create a reusable template for front end design for the rest of the developers.
- Troubleshooting production failures of models where another developer may have made a mistake or required help.
- Code review of models and sign off models before being published to production.
- BI Data Analysis for Business Improvements
- Manage Business Intelligence Report and Dashboards
- Data Governance and Quality Control

- BI Project Implementation and Ad-hoc Service Projects
- Business Profitability
- Personal Development
- Business Intelligence Data Management
- Service Performance and Customer Satisfaction
- BI Service Delivery Analyst
- Cost Effectiveness
- Corporate Governance Control
- Business Intelligence Service
- Business Intelligence Partnership Management
- BI Operational Execution Bi Analysis

*Reason for leaving:*

- He was headhunted by a bank where he would also be working with Qlik Sense, which is a later version of the product which he thought was a great opportunity as he wanted to upskill himself with the latest Qlik technology.

**Position: Senior QlikView Developer (Fixed term contract)**

**Duration: 2018 to 2018**

**Company: Bank Head Office (Johannesburg)**

- Developed a sales commission calculation model for Rand-Air, enabling the company to accurately track and manage commission pay-outs for its sales representatives.
- Currently leveraging his expertise in data analysis and modelling as a member of the Head Office team, working on various projects in the Investment and Insurance domain to drive data-driven insights and support strategic decision-making.

*Reason for leaving:*

- He had to set up an expert upstream/ downstream model for customer information across the bank and him and one other senior completed the project work. He was offered a permanent role at his next company when this contract ended.

**Position: Senior QlikView Consultant (Fixed term contract)**

**Duration: 2018 to 2018**

**Company: Energy sector (Durban)**

- Successfully developed and implemented QlikView and Qlik Sense models for a range of prominent clients, including Dunlop, Smartmatta, Sureswipe, Tevo, and Digidata, driving insights and enabling more effective decision-making.

*Reason for leaving:*

- Wife couldn't find a job in Durban; she did find a great opportunity in JHB so decided to relocate to JHB.

**Position: Senior QlikView Consultant**

**Duration: 2017 to 2018**

**Company: Agribusiness sector**

- Led a small team responsible for the end-to-end management of the QlikView environment, including maintenance, development, and stakeholder engagement, as well as providing mentorship and support to a junior developer.
- Management of the QMC
- Focused on Sales and Stock models, applying business intelligence techniques to extract data, code the backend to model the data and design the front end for insights for retail stores and Stock Distribution center to improve business performance.

*Reason for leaving:*

- He was the only QlikView developer, and he brought in a junior QlikView developer which he mentored and trained, and after training him and automating the environment there wasn't a need for a Senior QlikView developer to remain on, thus he agreed to find alternative work.

**Position: Senior Business Intelligence Developer**

**Duration: 2016 to 2017**

**Company: Financial Services sector**

- Achievements at the company using QlikView.

- The previous team of developers all quit at once, and they had no proper handover, his manager and him were the only coders for Qlik, the rest were MSSQL coders. I read tons of books on Investments and quickly adjusted to understanding the existing models combined with regular client meetings.
- Developed a model for financial advisors to track compliance as stipulated by the FSB.
- Expanded on a model for Asset under management that calculates commission for Advisors on Multi Manager Funds.
- Designed a Human Resources Management Model.
- Attend requests with models relating to Finance, Advisor Distribution Network, Insurance, Stockbroking, and the core model Assets under Administration.

*Reason for leaving:*

- Got all the models running, which was the burning issue, the rest of the team by now had the capability to maintain the existing models. He was left to only do maintenance and was head hunted for a more challenging role.

**Position: Capacity Planning Analyst**

**Duration: 2010 to 2016**

**Company: Financial Services - Head Office**

- Using QlikView for capacity management.
- Part of a team of 2 who are responsible for Capacity Management and Planning for the Company's Group Companies.
- Their role is to provide Capacity Management and Planning services to all Businesses (including Personal Finances, Investment Management, SKY, Employee Benefits, etc.).
- He is experienced with working with large data sets from which value is derived for Capacity Management, Planning and Analysis.
- He has a passion for data analytics and science which supports the underlying fundamentals of Capacity Management and Planning.
- His key responsibilities include making recommendations to various stakeholders such as our outsourced Service Providers, Internal Domain Service Line Managers, Business IT Execs, CIO and Business Clients.
- Drawing up a Capacity plan containing an 18-month Historical view and an 18-month future view.
- Providing guidance to Business, IT Execs, Financial and Operational Service line domain managers.
- Extensive Modelling of Capacity data using Business Intelligence tools.
- Monthly tracking of usage against set thresholds as well as predicting saturation points in environments like the SAN, VMware, Unix, Linux, Telecommunication/Networks, Mainframe, Software Licenses, Data center Power and Storeroom Stock levels.
- Component Capacity Management for the domain areas listed above using identified metrics.
- Estimating the impact IT and business projects will have on the IT infrastructure.
- Working as a Virtual team together with multiple service providers who provide the IT support needed.
- After graduation, he was part of a select few chosen as part of an internship to travel to India to be trained in IT Infrastructure Management under an arrangement.
- The Training involved technologies such as VMware, Windows Server, Linux, Oracle and MSSQL Server.
- He was then placed in the RMA Engineering team doing performance testing for the MSSQL Server environment under the mentorship of a solution architect.
- As an Intern, he was then placed at a company where they were given the opportunity to be exposed to various departments within IT.

*Reason for leaving:*

- He was responsible for IT metrics only within this role and he wanted to work with different types of data.

## Education

**Grade 12.** Raisethorpe Secondary School. 2004.

**Bachelor of Commerce in information Systems.** University of KwaZulu Natal, 2008.

**Bachelor of Science Honors in Data Science.** Eduvo (Pearson Institute), current.

## Top Skillz

Qlik Sense
Business intelligence
Data Architecture
Data Science
Python
Power BI
Data warehousing
Master Data Management
Visualisation Best practices
Infrastructure Management
MSSQL
Databases
AWS Cloud
Web development
Flask API development
Performance Management
Capacity Management
Machine learning

## Salary

Before Deductions:	R 65 000.00 per month
Salary Expectations:	10%

*"Thank you for considering our applicant! To schedule an interview, please reach out to your Talent Acquisition Specialist."*