



## DATA SCIENTIST - GRADUATE

Location: Johannesburg (Hybrid)

Junior level or JG X

updated with the latest trends in **data science**, machine learning, and capital markets **technology**, applying new techniques and tools to improve results.

### WHAT WILL YOU DO?

The company is looking for a talented graduate scientist to join the team. The successful candidate will receive internal training to introduce them to financial markets concepts and technical work involved in capital markets. At HolistiTech, you will contribute by leveraging analytical skills to support the design and implementation of data-driven solutions that optimize business processes in capital markets. You will collaborate with cross-functional teams to drive innovation, continuously learning and adapting to the latest industry trends to ensure the success of our clients.

### WHAT WILL MAKE YOU SUCCESSFUL IN THE ROLE?

- **Data Collection & Analysis** – Assist in gathering, analyzing, and interpreting **large data sets** from various sources to derive insights for business decisions and optimize processes.
- **Data Modeling & Algorithms** – Support the development of **data models** and algorithms, utilizing **statistical techniques** and **machine learning** to solve complex business problems in capital markets and technology solutions.
- **Process Analysis & Optimization** – Collaborate with the team to evaluate existing processes, identify areas for improvement, and contribute to the design of **data-driven processes** that increase efficiency and performance.
- **Collaboration with Cross-Functional Teams** – Work closely with **business analysts**, **software developers**, and other teams to integrate data science solutions with business needs and technology systems.
- **Report Generation & Insights Presentation** – Communicate findings through **clear and concise reports**, dashboards, and presentations, making complex data accessible and actionable for stakeholders.
- **Continuous Learning & Innovation** – Stay

### QUALIFICATIONS AND EXPERIENCE

- **0-1 years of experience** in data science, analytics, or related fields (internships or academic research projects advantageous).
- **BSc in Computer Science, Data Science, Mathematics, Engineering**, or a related field with a focus on data analysis and statistical methods.
- **Technical skills:**
- **Proficiency in Programming** – Experience with **Python, R**, or other data science programming languages for data manipulation and model building.
- **Data Analysis & Modeling** – Strong foundation in **statistical analysis**, **machine learning**, and **data modeling** techniques.
- **Database Management & SQL** – Experience with querying databases and manipulating data using **SQL** or similar tools.
- **Familiarity with Data Visualization Tools** – Ability to present insights clearly using tools like **Tableau, Power BI**, or **Matplotlib**.
- **Basic Knowledge of Business Process Analysis** – An understanding of business operations and the ability to use data to drive process improvements.

### KNOWLEDGE AND SKILLS

- **Basic Knowledge of Business Process Analysis**
- Strong problem-solving skills
- Strong communication skills
- Time management

### PERSONAL ATTRIBUTES

- Continuous learning mindset
- Accountability



# HolistiTech

Passionate about transforming  
financial markets through technology and data



- Team player
- Collaborates
- Client focus
- Drives results
- Flexibility and Adaptability
- Cultivates Innovation

## WHO WE ARE:

Holistitech is a consulting firm that specializes in capital markets technology and data analytics. The company provides consulting services in trading and risk systems, and other various systems within the financial services industry. We are a small growing company with a very talented team that has years of experience in capital markets technology within investment banking. This is the best time to join the team, you will have the opportunity to learn and grow with the company.

