* TELL US ABOUT YOURSELF (Background & Experience)

I am a highly motivated and detail-oriented Data Scientist with 2 years of hands-on experience in machine learning, data analytics, business intelligence and statistical modeling. I hold a BSc in Mathematical Sciences majored in Statistics and Computer Science and an Honours in Computer Science from the University of Limpopo. Currently, I work at Mintek, where I am responsible for designing and maintaining organisational Key Performance Indicators (KPIs) dashboards for real-time tracking and reporting. Also, I form part of the team responsible for developing, testing, and deploying machine learning models to optimise organisational processes and support better decision-making for the company.

So, my experience includes designing interactive Power BI dashboards for real-time KPI tracking, analysis, and automating workflows to enhance efficiency. And also, model development and deployment.

My key strengths include strong problem-solving skills, attention to detail, and the ability to translate complex data into meaningful insights that drive business value. I am proficient in Python (NumPy, pandas, scikit-learn, matplotlib), SQL, and Microsoft Power BI, and I am passionate about leveraging data to create scalable solutions with measurable impact.

* Why should we hire you?
* Why would you like to join [name of company]?
* Tell us about your projects, what role you played in those projects if it was a group project
* Understand the Certifications on your CV
* What are you passionate about?
* What are your goals for the future? Or where do you see yourself in 5 years?
* How do you handle stress and pressure?
* What motivates you?
* Can you tell me about a difficult work situation or project and how you overcame it?
* What is your biggest weakness?
* What are your biggest strengths?

TECHNICAL QUESTIONS

* WHAT IS YOUR UNDERSTANDING OF DATA SCIENCE AND MACHINE LEARNING? AND WHY DO YOU THINK WE NEED MORE DATA SCIENTIST?
* GIVE AND EXPLAIN TYPES OF MACHINE LEARNING
* WHAT IS DEEP LEARNING? TYPES OF NEURAL NETWORKS
* EXPLAIN DATA SCIENCE/ DATA SCIENTIST, DATA ENGINEERING/DATA ENGINEER, DATA ANALYSIS/DATA ANALYST, BUSINESS INTELLIGENCE
* WHY LEAVE YOUR PREVIOUS ROLE?
* WHAT IS YOUR SALARY EXPECTATION?
* Describe a project where you faced a challenge and how you overcame it.
* How do you handle a scenario where model accuracy is high, but business users say results are not useful?
* Explain a complex model you built to a non-technical stakeholder.
* Tell me about a time when your data analysis influenced business strategy.
* How do you prioritize when working on multiple projects with tight deadlines?
* SQL & Databases

What is DBMS? Which one do you know?

What is a Database? Types of Databases

SQL VS NoSQL

Types of Joins and Explain

Window functions vs Aggregate Functions

GROUP BY VS HAVING

WHERE VS HAVING

* Machine Learning & Python
* Explain time series forecasting techniques
* Time-Series Modeling