* Tell us about yourself (Background & Experience)
* Activities outside work
* What do you understand about a Bank or Banking, Insurance, etc?
* What do you understand about Credit Risk modelling and Credit scoring, and IFRS 9?
* What do you understand about FinTech?
* Take us through your CV
* What is your salary expectation?
* Why are you leaving your current employer role?
* The Projects you did (Mintek and Me)
* Why pursued your studies under computer science and why do you want to be a Data Scientist or Data Engineer?
* Why should we hire you?
* What is your biggest weakness?
* What are your biggest strengths?
* What are you passionate about?
* What are your goals for the future?
* How do you handle stress and pressure?
* What motivates you? Personally & Professionally
* What are your goals for the future? Or where do you see yourself in 5 years?
* Can you tell me about a difficult work situation or project and how you overcame it?
* Why do you want to be a Data Analyst or What motivates you? Personally, and Professionally
* Why would you like to join FNB ( )?
* Why should we hire you as a Data Scientist?
* How do your skills and experience align with this role?

**TECHNICAL QUESTIONS**

* What is your understanding of the following terms: Data Science/ Data Scientist, Data analysis/ Data Analyst, Data engineering, BI/BI Analyst, ML/ML Engineer. Why do you think do we need them?
* What is Machine Learning? Types, Workflow, Frameworks, Libraries, Use cases
* Explain the concept of Overfitting and Underfitting
* Why standardize data?

**SQL (Standard Query Language)**

* What is DBMS? Which one do you know?
* MySQL, PostgreSQL and SSMS differences with current date/time as an example
* What are the different types of SQL commands?
* What is a Database? Types of Databases
* SQL VS NoSQL
* **Composite key**: Is used when one column alone cannot uniquely identity a row
* WHERE VS HAVING
* Types of Datatypes in SQL
* What do you understand about SQL and what is used for? And where have you used it?
* What is Data Modelling? Key Components of Data modelling, Levels of Data modelling (Explain them with examples where necessary)
* What is a Data Warehouse? List types of Schemas with Understanding, ETL vs ELT
* What is ERD? Key Components of ERD, why use ERD also give examples, different **notations** are used to represent entities
* What are Relationships? Give types
* Define Keys in relationships
* What are stored procedures?
* Query Optimization or Indexing