**About Alchemy**

1. They advise hospitals on how to use technology solutions.
2. They provide a list of verified medical professionals.
3. They help hospitals manage their clinical data.

They reduce the cost of delivery of health services by developing a digital platform that allows efficient management of health data and payments for patients, service providers, health insurers and governments.

**Key Areas:**

1. Digitalisation of health information (Do the currently offer this service to hospitals?)
2. Health sector management consulting - Advising on the implementation and optimization of health information systems, electronic health records (EHRs), and other technology solutions. What other services do you provide under the management consulting? If a hospital does not have the necessary equipment to implement the digitalisation do you provide information of how to get the equipment or provide the equioment?

**Key Services**

1. Health Professional & Health Facility Directory - Alchemy Health Technologies is creating a reliable directory that includes verified information about healthcare professionals and establishments. This verified list will be accessible to individuals, researchers, industries, and regulators, making it easier for them to find and connect with trusted healthcare services in Africa.
2. Data and Financial Management Solutions for Clinical Trials:

Our innovative clinical trials software, developed by globally recognised pharma industry expert partners, promises to facilitate Smart, Secure and Speedy Clinical Trials.

This comprehensive suite of technology solutions minimises clinical trial inefficiencies by:

1. Eliminating repetitive data entries;
2. Enabling remote monitoring, making it possible to conduct research away from centralised trial sites;(How do you enforce data security measures, what tools are you using?)
3. Ensuring data integrity that can be easily validated by regulators;
4. Enabling real-time access to information; and
5. Permitting daily or weekly administration and execution of payments. This is essential to assist research sites to remain sustainable.

**Question**

Do they focus on public sector or private sector only?

**Info to Know**

**SQL**

SQL is short for structured query language.

Is a language used to interact with relational databases.

Relational databases are databases that have multiple related tables.

SQL allows us to:

1. Retrieve data from databases
2. Analyse data from databases
3. Define data
4. Change data

Databases have schema.

Schemas are like folders that help us structure the database.

To manage databases, we need a Database Management System.

Example of such Database Management Systems are PostgreSQl, MongoDB, MySQL, SQL server, and MariaDB.

All these DBMS use the same language which is SQL.

So, we call them different dialects.

**Interview Questions**

1. What are the roles of a data manager?

* They do research on the best data management techniques.
* These data management techniques include the best technologies to use for database management, the best security measures for data security, and also the best policies to implement.
* They then have to run the resulting policy to IT employees and other non-IT workers, so they understand what is expected of them when dealing with data.
* **The resulting policy should define how data should be stored, managed, secured, and accessed.**

1. create and enforce effective data management policies.

Yes, you are correct. Policies are indeed documents that define a set of rules, guidelines, or principles regarding a specific subject. Policies serve as formalized statements that outline the expectations, procedures, and standards to be followed within an organization or a specific context. While health policies, as previously discussed, focus on healthcare-related matters, policies can cover a wide range of areas, including data management, information technology, security, human resources, and more.

In the context of data, organizations often establish data policies to govern how data should be handled, stored, processed, and shared. These policies provide a framework for ensuring data quality, security, and compliance with relevant regulations. Data policies may cover aspects such as data access controls, data privacy, data retention, and procedures for handling sensitive information.

1. create data management techniques.
2. implement security policies for protecting the data.
3. Why are you interested in this role?
4. What are the qualities that a data management manager should have?

A data manager should be a discreet person as one deals with sensitive information. You should also be a problem solver as the role of a data manager requires coming up with solutions when problems like data breaches occur and derive new policies. One needs t You should also be a patient person as you must run the policies past other employees, so they understand what is expected of them.

1. What experience do you have in data management.
2. Talk about hackathons and how you not only derived solutions but also had to consider the data management aspect.
3. What major challenged did you face in your previous role. What did you learn from it?
4. Students making noise.
5. Had to approach them with kindness.
6. I learnt to be patient and kind and how to interact with people even under stressful circumstances.
7. What mindset is required for a data manager?
8. Eager to learn mindset.
9. Open minded and always open to adapting new solutions.
10. Teamplayer.
11. Biggest upcoming problem
12. Addressing data security as new data breaches occur.