Miguel,

Thank you for meeting with me this afternoon.

I believe that I would be a positive contribution to your data engineering efforts. I have experience in the medical services industry, have worked with medical diagnostic codes (ICD-10), treatment codes (CPT), and am well-acquainted with the regulatory HIPAA and GDPR requirements for handling patient data (e.g., HL7) in transit and at rest.

I have experience with the suite of AWS solutions and best practices for managing data architectures, such as using AWS Lake Formation to create medallion-level data lakes. I have done task orchestration using Airflow and AWS Step Functions. I have used Docker for task containerization leading towards a microservices architecture, and I have used Kubernetes for auto-scaling, self-healing, and highly available distributed computing.

I know how to use Glue Catalog to detect and track data lineage and schema history. I also know how to set up dbt to use Glue Catalog as its data source and use dbt to create gold-level queries from silver-level external virtual or materialized views.

Additionally, I could be valuable if you choose to migrate your data infrastructure from Redshift to Snowflake. I have experience with system migrations that require analyzing existing data volume, schema structures, and workloads. Creating a detailed migration plan and timeline. Using change-data-capture to allow for a smooth transition. Transform Redshift data definitions to Snowflake syntax. Migrating tables, views, and stored procedures. Adapting existing ETL/ELT processes and applications to work with Snowflake.  
  
I'm also familiar with the opportunities that instant access to the Snowflake Data Marketplace provides, including discovery of live, ready-to-query data and the potential to monetize your data assets by making them discoverable in the marketplace.

I would like to have the opportunity to leverage my existing experience and learn new skills with you at PatientIQ. I look forward to my upcoming technical evaluation project and our future interviews.

Thank you, Shawn