DATA ENGINEER

SOHAM PAGHADAR

📍 MENDARDA, GUJARAT 362260

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TECHNICAL SKILLS

- **Programming Languages**: Python, SQL (MySQL Server, PostgreSQL)

- **Tools & Technologies**: Snowflake, dbt, Jira, AWS S3, Glue, Athena, Redshift

- **Python Libraries**: NumPy, Pandas, PySpark

- **Analytical Skills**: Data Modeling, Data Visualization, Data Architecture, Data Validation

PERSONAL PROJECTS

(1) ELT Pipeline — *Dbt cloud, Amazon Athena, Snowflake*   *August 2024*

- Designed an efficient **ELT** process using **Amazon Athena** for data extraction, **dbt Cloud** for transformation, and **Snowflake** for data warehousing.

- Automated data ingestion and **transformation workflows**, minimizing manual intervention by **80%** and improving operational efficiency.

- Developed and deployed modular **SQL** scripts within **dbt Cloud**, enhancing data transformation efficiency and **decreasing error rates** during data processing.

- Utilized **Snowflake** for secure and scalable data storage, enabling high-performance **analytics** and **real-time querying** across large datasets.

- Improved **decision-making** capabilities by providing real-time data access, increasing the speed of **data-driven insights** by **50%** across the organization.

(2) ETL Pipeline Automation — *Amazon S3, Glue, Athena*   *June 2024*

- Architected and engineered a high-performance **ETL pipeline** leveraging **Amazon S3** for data ingestion and **Amazon Athena** for query-based transformation.

- Leveraged AWS **Glue** with data catalogs and automated crawlers to enhance schema discovery, streamline data governance, and enable real-time analytics for **data-driven** decisions.

- Enhanced **data integrity,** reliability**,** and **consistency** through automated **ETL workflows**, improving the accuracy of downstream **business intelligence**.

- **Standardized raw data** by establishing a **staging area**, leading to a **40% improvement** in data readiness for downstream processes.

- Achieved **cost efficiency** by utilizing **serverless architecture** (Amazon S3, Athena, Glue), resulting in a scalable**, low-latency** ETL framework.

INTERESTS

- Data Engineering

- Reading books

EDUCATION

Government Engineering College Patan   *Aug 2021 - May 2025*
Bachelor of Engineering in Computer Science   *Patan, Gujarat*

CERTIFICATE

Certification in SQL Programming Essentials Immersive Training   *Aug 2024*
Online course - Udemy