

Smit Shah

[in linkedin.com/in/smit-shah01](https://www.linkedin.com/in/smit-shah01) | [Github](#) | [Portfolio](#) | [✉ shahsmit661@gmail.com](mailto:shahsmit661@gmail.com) | [📞 \(857\) 395-9925](tel:(857)395-9925)

SUMMARY

Proactive **Data Analyst** proficient in **SQL, Python, Tableau, PowerBI, Excel, and AWS** specializing in data analysis, predictive modeling, and visualization. Adaptive to leveraging large datasets to deliver actionable insights, solve business challenges, work in cross-functional teams, and improve decision-making efficiency.

WORK EXPERIENCE

Data Analyst – Rebecca Everlence Trust, Chicago August 2024 – Present

- Gathered **business requirements** for an internal project management tool, improving the efficiency of project tracking by 30% and **streamlining workflows** through team collaboration and tailored data insights.
- Mapped **data requirements** and built a robust data validation process, ensuring data accuracy by 40%.
- Developed an executive-level **Tableau dashboard** for the Talent Enablement team, providing **real-time insights** into program expansion by defining 10+ key metrics.
- Automated **data pipeline** and standardized the formatting, reducing report creation time by 65%.

Data Engineer - AKS Infotech, New Jersey March 2021 - December 2022

- Improved and executed **automated testing scripts**, ensuring 99% AWS service reliability.
- Integrated **Python** with **CI/CD pipeline** to automate test execution.
- Optimized **AWS infrastructure** using **EC2, Athena, and S3** resulted in a 60% improvement in data processing workflows and a 50% reduction in processing time.
- Built and analyzed **data models** and **data pipelines** based on NY Taxi data (2020) consisting of **1 million**.
- Leveraged **S3** and the **Mage Data Pipeline Tool** to integrate data from multiple sources, achieving a 65% increase in data analysis through effective transformation and processing.

Cloud Data Analyst – AKS Infotech, New Jersey May 2020 – March 2021

- Utilized **SQL and Python** to analyze over **100K** records, ensuring optimal performance.
- Implemented **data partitioning and data modeling** to enhance accessibility, designing data-driven reports and dashboards in **Tableau**, which improved reporting efficiency by 55%.
- Analyzed **supply chain data**, and created data models to identify top 10 selling products.
- Conducted **revenue analysis** based on sales, stock levels, manufacturing costs, and selling prices; providing **actionable insights** that improved data efficiency by 70%.

EDUCATION

MS in Information Technology - **University of Massachusetts, Boston** May 2024

BE in Information Technology - **University of Mumbai, Mumbai** May 2022

SKILLS

Programming Languages/Web:	SQL, Python, C, R, HTML, SAS, VBA.
Relational Database:	MySQL, SQLite, Oracle, Microsoft SQL Server, ETL.
Data Visualization/BI Tools:	Tableau, Power BI, Excel, Snowflake, DAX, Looker BigQuery.
Tools:	Amazon Web Services, Azure, GCP, Mage, JIRA, Git, Google Data Studio.

PROJECTS

LEGO Visualization | [Github](#) | [Video](#) December 2024 – January 2024

- Designed an interactive **Power BI** dashboard that analyzed **4385 LEGO datasets**, revealing critical insights on themes, price categories, and age ranges.
- **Enhanced interactivity** with slicers, tooltips, and navigation, delivering 20+ metrics and a decomposition tree for actionable, in-depth data exploration.

Visualization on Job Salaries | [Tableau](#) January 2024 – March 2024

- Created an **intuitive Tableau dashboard** that allows job seekers to filter salaries by location, job title, experience, and employment type which **improves user experience** and accessibility by 30%.
- Increased mobile accessibility, achieving a user satisfaction rate of 95% through targeted enhancements.