Smit Shah

in linkedin.com/in/smit-shah01 | Tableau | Portfolio | ✉ shahsmit661@gmail.com | ▪ (857) 395-9925

SUMMARY

Data Analyst with expertise in data analysis, validation techniques, reporting, and data visualization, proficient in **SQL, Excel Tableau, and Python**. Experienced in collaborating across teams to solve complex business problems and deliver actionable insights from large datasets, enhancing decision-making and operational efficiency.

WORK EXPERIENCE

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

- Executed manual and automated testing, ensuring 99% **AWS** service reliability across key services.
- Utilized **EC2, Athena, and S3** to optimize **AWS** infrastructure and streamline data pipelines, achieving a 60% improvement in data processing workflows and reducing processing time by 50%.
- 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.
- Improved **Tableau and Looker** dashboards, enhancing reporting accuracy by 75% and efficiency by 40%.

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

- Leveraged **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 and PowerBI**, which improved reporting efficiency by 55
- Analyzed **supply chain data**, and created data models to identify key metrics — top-selling products, regional preferences, and production efficiency.
- Conducted **revenue analysis** based on sales, stock levels, manufacturing costs, and selling prices; providing actionable insights that improved data processing 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, Google Data Studio, Looker BigQuery.
Tools:	Amazon Web Services, Azure, GCP, Mage, JIRA, Git, Google Analytics.

PROJECTS

Visualization on Job Salaries | Tableau   January 2024 – March 2024

- Created an **intuitive dashboard** that allows job seekers to filter salaries by location, experience, and employment type which improves user experience and accessibility.
- Boosted **user engagement** by 40%, and **accessibility** by 50% ensuring users access insights using their mobile devices and achieved a 95% satisfaction rate.

Virtual Shopping Assistant for Online Fashion Store   June 2021 – April 2022

- Developed a **Sequential model** using Python libraries, including NumPy, Pandas, TensorFlow, Keras, and NLTK, for enhanced user interaction and efficiency by 45%, with expertise in **statistical modeling**, and **regression analysis**.
- Leveraged **Natural Language Processing** (NLP) and **Sequence-to-Sequence** (seq2seq) architectures to build a chatbot with 90% accuracy, similar to automated online assistants.

CERTIFICATIONS

Certification on Introduction to **Data Analytics for Business**	June 2021
Certification on **AWS** Fundamentals: Going Cloud-Native	June 2020