Smit Shah

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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** resulting 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%.
- Prepared and analyzed reports based on **supply chain data** for the sales team by tracking **KPIs using Tableau**, leading to a 30% increase in product sales.
- Conducted **revenue analysis**; 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.
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 2025
- 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.