**Akash Paul**

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**Professional Summary :**

* Over 8+ years of experience with a strong focus on query writing, solving complex problems, and leveraging various tools and languages, including PL/SQL, Looker, Tableau, SQL, and Python.
* Proficient in crafting and optimizing SQL queries, ensuring efficient data retrieval and analysis with a keen eye for accuracy.
* Adept at problem-solving, consistently addressing intricate data-related challenges to contribute to effective decision-making processes.
* Extensive expertise in PL/SQL, utilizing its capabilities for database programming and procedural language functionalities.
* Skilled in utilizing Looker for intuitive and collaborative data exploration and analytics.
* Demonstrated mastery in developing dynamic Tableau dashboards and reports, translating data into impactful visualizations.
* Strong command of SQL for comprehensive database management, adept at querying and manipulating large datasets.
* Proficient in Python, using it for data analysis, automation, and scripting to enhance data processing capabilities.
* Excellent communication skills, facilitating clear and concise interaction with both technical and non-technical stakeholders.
* Known for fostering collaborative environments, bridging communication gaps between technical and business teams.
* Comprehensive expertise in data analytics, applying statistical methods to extract actionable insights and support strategic decision-making.
* Proven track record in end-to-end report development, consistently delivering insightful and visually appealing reports that drive data-driven narratives.

**Technical Skills :**

**Category Technologies/Skills**

Data Visualization Tableau, PowerBI, D3.js, QlikView, Excel, Looker

Programming SQL, Python, JavaScript, R, Java, Scala

Big Data Hadoop, Hive, Spark, AWS Redshift, Apache Kafka, Apache Flink

Others Data Warehousing, Data Cleaning, Predictive Modeling, ETL (Talend, Informatica), Machine Learning (Scikit-Learn, TensorFlow), Data Mining, Statistical Analysis, Data Governance

**Professional Experience :**

**Client : Goldman Sachs, Dallas Nov 2022 - Present**

**Role : Tableau Developer**

**Job Responsibilities :**

* Developed and maintained dynamic Tableau dashboards and reports, showcasing a keen eye for data visualization aesthetics.
* Applied advanced data analysis techniques on large datasets, utilizing statistical methods to derive meaningful insights and identify trends.
* Collaborated closely with stakeholders to elicit and comprehend reporting requirements, translating them into visually compelling Tableau visualizations.
* Engineered and managed robust data models to underpin reporting and analytics initiatives, ensuring data accuracy and model efficiency.
* Enhanced Tableau performance by optimizing queries and refining data retrieval processes, resulting in more responsive reports and dashboards.
* Executed seamless integration of diverse data sources, encompassing databases, flat files, and external APIs, through meticulous ETL processes.
* Worked collaboratively with cross-functional teams, including data engineers and business analysts, fostering cohesive data integration strategies.
* Conducted comprehensive data quality assessments, swiftly identifying and rectifying anomalies and ensuring the integrity of datasets.
* Automated routine reporting processes, streamlining workflows, and significantly increasing overall efficiency in Tableau report generation.
* Compiled thorough documentation, including data models, report specifications, and best practices, ensuring knowledge transfer and continuity.
* Conducted in-depth trend analysis, extracting patterns and anomalies from historical data to inform strategic decision-making.
* Responded promptly to ad hoc analysis requests, providing on-the-spot insights to address specific business questions and urgent data needs.
* Proficient in leveraging Tableau and related skills, such as SQL for database interactions, ensuring a comprehensive approach to data visualization and analytics.
* Consistently stayed abreast of the latest Tableau features and enhancements, actively participating in ongoing learning to optimize tool utilization.

**Client : Citizens Bank, RI August 2021 - July 2022**

**Role : Tableau Developer**

**Job Responsibilities :**

* Developed and maintained interactive Tableau dashboards and reports for comprehensive data visualization.
* Conducted data analysis on large datasets, utilizing statistical methods to extract meaningful insights and trends.
* Collaborated with stakeholders to gather reporting requirements and translated them into actionable visualizations.
* Created and maintained data models to support reporting and analytics initiatives, ensuring accuracy and efficiency.
* Optimized queries and data retrieval processes, enhancing the performance of Tableau reports and dashboards.
* Integrated data from various sources, including databases, flat files, and external APIs, through robust ETL processes.
* Collaborated with cross-functional teams, including data engineers and business analysts, to ensure seamless data integration.
* Conducted data quality assessments, identifying and rectifying anomalies and inconsistencies in datasets.
* Automated routine reporting processes, reducing manual effort and increasing efficiency.
* Documented data models, report specifications, and best practices for future reference and knowledge transfer.
* Conducted trend analysis to identify patterns and anomalies in historical data.
* Provided prompt insights through ad hoc analysis to address specific business questions and urgent data requests.

**Client : Innominds Software, Hyd July 2017 - December 2020**

**Role : BI Analyst**

**Job Responsibilities :**

* Conducted in-depth analysis of large datasets to extract meaningful insights and trends, applying statistical methods and data visualization techniques.
* Designed and developed interactive dashboards and reports using BI tools (e.g., Tableau, Power BI) to facilitate data-driven decision-making.
* Collaborated with stakeholders to understand reporting requirements and translated them into actionable visualizations.
* Created and maintained data models to support reporting and analytics initiatives, implementing best practices for accuracy and efficiency.
* Worked closely with business users to gather and document reporting requirements, conducting interviews and workshops to identify key performance indicators (KPIs).
* Optimized queries and data retrieval processes to enhance the performance of BI reports and dashboards, conducting performance tuning activities.
* Integrated data from various sources, including databases, flat files, and external APIs, ensuring data consistency and accuracy through robust ETL processes.
* Conducted data quality assessments to identify and rectify anomalies and inconsistencies in datasets, implementing data validation checks and quality standards.
* Facilitated knowledge-sharing sessions and provided training to end-users on BI tools, promoting effective utilization.
* Automated routine reporting processes, reducing manual effort and increasing efficiency, and implemented scheduled report deliveries for timely information distribution.
* Documented data models, report specifications, and best practices for future reference and knowledge transfer.
* Conducted trend analysis to identify patterns and anomalies in historical data and provided recommendations for process improvements.
* Conducted ad hoc analysis to address specific business questions and provided prompt insights in response to urgent data requests.

**Client : InfoTech Solutions, Hyderabad July 2014 - June 2017**

**Role : Data Analyst**

**Job Responsibilities :**

* Conducted comprehensive data analysis to uncover trends, patterns, and insights, contributing to informed business decision-making.
* Extracted and cleaned data from various sources, ensuring accuracy, completeness, and reliability in datasets.
* Utilized SQL to query and manipulate databases, performing data transformations and aggregations for analytical purposes.
* Developed and maintained automated reports and dashboards, providing real-time insights into key performance indicators.
* Collaborated with cross-functional teams to understand business requirements and translate them into actionable data tasks.
* Conducted exploratory data analysis (EDA) to identify outliers, anomalies, and areas for further investigation.
* Performed statistical analysis and hypothesis testing to validate findings and support data-driven recommendations.
* Created visualizations and data presentations using tools such as Tableau, Power BI, or Excel to communicate complex data insights to stakeholders.
* Implemented data quality checks and validation processes to ensure data accuracy and consistency.
* Collaborated with data engineers to design and optimize ETL processes for efficient data extraction, transformation, and loading.
* Assisted in the development and maintenance of data dictionaries, ensuring a standardized understanding of data definitions across the organization.
* Participated in data governance initiatives, ensuring compliance with data privacy regulations and company policies.

Education 

Bachelors in Computer Science,JNTUK,2014