

Sai Praneeth Kommu

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with 3+ years of experience in **SQL**, **Python**, **Tableau** and **AWS**. Expertise in data visualization, **ETL**, and statistical analysis to drive actionable insights and optimize business performance. Skilled in **Power BI**, **Excel**, and **Big data** tools to drive data-driven strategies.

WORK EXPERIENCE

Data Scientist

Aug 2021 - July 2023

Nichebit Softech Pvt Ltd

- Built and deployed predictive models in Python, identifying key business trends that increased customer retention by 20% and boosted revenue by 15%.
- Optimized data accessibility by engineering robust SQL-based data pipelines, consolidating cross-departmental data and reducing query processing time by 25%.
- Increased system scalability by 15% as measured by processing speed benchmarks by creating a cloud-native GenAI platform on AWS to process real-time data streams.
- Accelerated model deployment by 30% as measured by pipeline efficiency metrics by optimizing machine learning workflows and integrating CI/CD practices.

Data Analyst

Aug 2020 - July 2021

Nichebit Softech Pvt Ltd

- Drove a 15% improvement in ROI as measured by campaign performance metrics by conducting exploratory data analysis and statistical evaluation using Python and SQL.
- Developed and automated interactive dashboards using Tableau and Power BI, reducing reporting time by 40% and enhancing overall operational efficiency.

PROJECTS

Covid-19 in India Dashboard Analysis

[Link](#)

- Designed interactive Tableau dashboards for YOY sales, customer trends, and KPIs, reducing reporting time by 25%.
- Analyzed 1M+ sales records, identifying top products, regions, and customers driving 30%+ of profits.

Credit Card Complaints Dashboard Analysis

[Link](#)

- Built a Tableau dashboard for 86 K+ credit card complaints, highlighting billing dispute identity theft.
- Used SQL for data prep, enabling heatmaps and trends to improve resolution efficiency.

Human Resources Dashboard

[Link](#)

- Created HR dashboards in Tableau with Analytical skills in SQL and Excel, analyzing demographics and salary trends, improving decision-making by 20%.
- Processed 8,950+ employee records to optimize hiring and retention strategies.

EDUCATION

Masters in Computer Science

Sep 2023 - Dec 2024

New Jersey Institute of Technology (NJIT)

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy), R, SQL (PostgreSQL, MySQL), Microsoft Excel

Data Analysis: Data Collection, Data Cleaning, Data Modeling

Data Visualization: Tableau, Power BI, Pivot Tables, EDA, Dashboards, Reporting

Machine Learning: TensorFlow, Scikit-learn, Predictive Modeling, Time-Series Analysis, NLP, LLMs

Cloud & Big Data: AWS, Azure, Snowflake, Databricks, Hadoop, Spark, Docker, Airflow