

Sai Praneeth Kommu

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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 dashboards in **Tableau**, analyzing YOY sales, customer trends, and KPIs, reducing reporting time by **25%** and enhancing decision-making.
- Visualized **1M+ sales records**, identifying top-performing products, regions, and customers contributing 30%+ of profits, driving actionable insights.

Credit Card Complaints Dashboard Analysis

[Link](#)

- Designed an interactive **Tableau dashboard** analyzing **86K+ credit card complaints**, leveraging **SQL** to extract and transform data, identifying key issues like billing disputes and identity theft.
- Utilized **SQL** for data preprocessing and **Tableau** for visual storytelling, creating heatmaps and trend analysis that optimized complaint resolution strategies and improved customer service 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 identify key trends in gender, age, and salary, enhancing hiring and retention strategies.

EDUCATION

Masters in Computer Science

Sep 2023 - Dec 2024

New Jersey Institute of Technology (NJIT)

Bachelors in Computer Science

June 2018 - Mar 2022

Vardhaman College of Engineering

TECHNICAL SKILLS

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

Data Analysis: Data Collection, Data Cleaning, Data Modeling, Statistical Analysis, A/B Testing, ETL

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

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

Cloud & Big Data: AWS (S3, Redshift, Glue), Snowflake, Databricks, Hadoop, Spark, Docker, Airflow