

# Sai Praneeth Kommu

+1 (201) 448-6713 | [saipraneethusa7@gmail.com](mailto:saipraneethusa7@gmail.com) | [Linkedin](#) | [Github](#) | [Blog](#) | [Tableau](#) | Denton, Texas

## TECHNICAL SKILLS

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**Data Analysis:** Python (Pandas, NumPy), SQL, Excel, R, Data Structures, Algorithms, Java Script

**Data Visualization:** Tableau, Power BI, Microsoft Excel, Power Query, Statistical Analysis, Data Modeling, Data Warehousing, Dashboards, Reporting, ETL Pipeline, Hypothesis Testing,

**Databases & Big Data:** MySQL, PostgreSQL, NoSQL, MongoDB, Databricks, AWS, Azure, GCP, Spark

**Machine Learning:** TensorFlow, Scikit-learn, PyTorch, SciPy, Git, Docker, Business Intelligence

## WORK EXPERIENCE

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### Data Analyst

Aug 2020 - July 2023

Nichebit Softech Pvt Ltd

- Developed interactive dashboards in **Tableau** and **Power BI**, providing actionable **KPIs** for senior leadership to make **data-driven decisions** and track real-time business performance.
- Automated **data workflows** with **SQL** and **Python**, reducing reporting time by **40%** and increasing data accuracy, ensuring error-free, timely reports for **10+** teams.
- Led **Data Integration** projects to centralize **5+ data sources**, improving data accessibility and enhancing cross-functional collaboration across **3 departments**.
- Performed **EDA** on **500K+ records** to identify trends and anomalies, providing insights that improved business processes and contributed to a **10%** increase in operational efficiency.

## PROJECTS

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### Sales & Customer Performance Dashboard

[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.

### Human Resources Dashboard

[Link](#)

- **Created HR dashboards** in Tableau with 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.

### Adidas Sales Data Analysis Project

[Link](#)

- Analyzed Adidas sales with **Databricks**, **PySpark**, and **Spark SQL** boosting regional sales by 15%.
- Optimized pricing and inventory strategies, driving a 12% increase in profit margins through data-driven insights.

### Covid-19 in India Dashboard Analysis

[Link](#)

- Created a dynamic **COVID-19 dashboard** using Tableau visualizing **10M+ records** on cases, testing, and vaccinations, driving a **30%** improvement in resource allocation and decision-making.
- Analyzed **pandemic trends** using **Tableau** and **Excel**, uncovering key insights on demographics, vaccination progress, and testing efficiency, driving data-informed public health strategies.

## EDUCATION

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**Masters in Computer Science - Data Analytics**

Sep 2023 - Dec 2024

New Jersey Institute of Technology (NJIT)

## CERTIFICATIONS

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**Career Essentials in Data Analysis Certificate by Microsoft**  
**Anaconda Python for Data Science Professional Certificate**

[Linkedin Learning](#)  
[Anaconda](#)