Venkata Sai Teja Mothukuri

Kansas City, Missouri   saiteja.motukuri@icloud.com   913-263-4856

LinkedIn : www.linkedin.com/in/venkatasaitejam   GitHub : https://github.com/saiteja007-mv

Summary

Data Analyst with hands-on experience in SQL, Python, Power BI, Tableau, and Databricks, skilled at transforming raw data into actionable business insights. Pursuing M.S. in Computer Science with a specialization in Data Analytics. Passionate about automating workflows using AI tools and scalable pipelines to drive data-driven decisions and operational efficiency.

Skills

- **Data Analysis & Visualization**: SQL, Python (*pandas, NumPy*), Tableau, PowerBI, Databricks
- **Database Management**: MySQL, Google Big Query, MS Excel
- **Web & Automation** : Selenium, BeautifulSoup, Make.com
- **Programming & Analytics**: Python, Jupyter Notebook
- **Data Processing & Cleaning**: Data Cleaning, Data Manipulation
- **Soft Skills**: Problem-Solving, Business Analytics, Communication

Experience

Data Analyst

Accenture North America – Data Analytics & Visualization Virtual Experience (Forage)   *April 2025*

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders

Education

- **University of Central Missouri** (*Jan 2024 – Present*) Master's in Computer science
  (Specialization: Data Analytics, Database Management)
- **SRKR Engineering College** (*2019 – 2023*) B. Tech in Information Technology

Certifications & Publications

- ***Microsoft Power BI Data Analyst Associate*** – Certified in Power BI data modeling and visualization - Jun 2025
- ***Data Analysis with Databricks -*** Hands-on data analysis and visualization using Databricks - Apr 2025
- ***Udemy – Complete Data Analyst Bootcamp From Basics to Advanced*** – April 2025
- ***NPTEL Data Analytics with Python*** – Certified in Python-based data analysis and visualization - Apr 2022
- Published Research Paper: "***Cyberbullying Detection in Text, Images, and Audio***" – JETIR, 2023.

Projects

Employee Retention Analysis - Project Link   **Ongoing**

Technologies : *Python, Selenium, BeautifulSoup, Pandas, Playwright, JavaScript, Chrome Extensions, Power BI*

- Leading a data analysis project to explore employee retention trends using data from Forbes-listed companies and Glassdoor reviews.

- Automated large-scale data collection using Python (Selenium, Playwright) and Make.com workflows to scrape and process company and review data.
- Developed a custom Chrome extension with JavaScript and DuckDuckGo API to extract Glassdoor review URLs efficiently.
- Preparing data visualizations and insights using Power BI to support strategic decision-making on employee satisfaction.

Homegrown Grocery E-Commerce Platform - [Project Link](#)   **Apr 2025 - May 2025**

Technologies : *MySQL, PHP, HTML, CSS, JavaScript*

- Created and managed the MySQL database for an online grocery website, organizing data to avoid duplication and improve performance.
- Built backend features using PHP to handle product listings, user logins, orders, and inventory updates.
- Used SQL to add, update, delete, and view data securely for both users and admins.
- Drew database diagrams and improved SQL queries to make the website run faster and handle more users.

Target Brazil E-commerce Data Analysis - [Project Link](#)   **Sep 2023 - Nov 2023**

Technologies : *Big Query, SQL, Tableau*

- Analyzed 100K+ orders (2016-2018) using BigQuery, SQL, and Tableau to uncover sales trends, payment behaviors, shipping delays, optimizing logistics and regional performance.
- Developed interactive Tableau dashboards for real-time analytics, enabling data-driven decision-making and improving supply chain efficiency.
- Provided actionable insights on order processing and delivery delays, enhancing business strategies and customer experience.

Cyberbullying Detection using AI - [Project Link](#)   **Jan 2023 - Apr 2023**

Technologies : *Machine Learning, NLP, Deep Learning*

- Built an AI-driven cyberbullying detection model using Bi-LSTM and CNN, processing 100K+ tweets, 1000+ images, and 50+ audio files, achieving 89% accuracy in identifying harmful content.
- Implemented NLP and Deep Learning techniques to accurately classify text, image, and audio-based cyberbullying, improving automated content moderation.
- Published research in JETIR (Journal of Emerging Technologies and Innovative Research), contributing to advancements in AI-driven online safety.

AI & Workflow Automations

Linkedin Job Application Automation - [Automation Link](#)

Tools*: Make.com, Apify, OpenAI GPT-4, Google Sheets, Google Docs – Ongoing*

- Built a complete AI-powered job application automation using Make.com that extracts job listings via Apify and parses them into a structured pipeline.
- Integrated OpenAI GPT to auto-generate tailored **cover letters**, **cold emails**, and **ATS-optimized resumes** for each job using personal resume data and job descriptions.
- Designed a system that stores application data, generated documents, and tracking logs in **Google Sheets** and **Google Drive**—reducing manual job search effort by over 80%.
- Enabled one-click, end-to-end job application process: from scraping to document creation, to tracking—all within an automated Make.com scenario.

Leadership

- Event Organizer – Indian Society for Technical Education (*SRKREC Students' Chapter AP-10*)