

AKSHATHA GANJI

+1 (872)-314-8584 | ganjiakshatha712@gmail.com | [Tableau Public](#) | [GitHub](#) | <https://www.linkedin.com/in/akshatha-ganji/> | United States

SUMMARY

- Data Analyst with over 2 years of experience and a master's in information technology and management, specialized in **data-driven solutions, business intelligence, and advanced analytics**.
- Skilled in developing interactive **dashboards**, automating data pipelines, and applying **machine learning** techniques for **predictive analytics**, leveraging tools such as **Python, R, SQL, Tableau, Power BI**, and **Google Analytics**.

TECHNICAL SKILLS

PROGRAMMING AND STATISTICAL TOOLS: Python, R, SQL, Spark, MATLAB, NumPy.

DATABASE TECHNOLOGIES: Microsoft SQL Server, MySQL, PostgreSQL, MongoDB, Snowflake, Oracle.

CLOUD PLATFORMS: Microsoft Azure, Google Cloud Platform (GCP), Amazon Web Services (AWS).

BIG DATA AND ETL TOOLS: Azure Databricks, Azure Data Factory, BigQuery.

DEVELOPER TOOLS: Tableau, Power BI, MS Excel, Git, Power Apps, Power Automate, Jenkins, Postman, Azure DevOps, MS Word, PowerPoint, JIRA, Confluence, Alteryx, Microsoft Project, Visio, Google Analytics.

WEB TECHNOLOGIES: HTML, CSS, JavaScript.

WORK EXPERIENCE

Research Analyst - Illinois Institute of Technology, Chicago, IL

Jan 2025 - Present

- Conducted comprehensive research and data analysis to support ongoing projects, utilizing advanced statistical tools and programming languages to ensure data accuracy and integrity.
- Collaborated with faculty and cross-functional research teams to design experiments, interpret results, and prepare technical reports and presentations for academic publications.
- Managed large datasets, automating data processing workflows using **Python** and **SQL**, leading to a **30%** reduction in analysis time and enhanced research efficiency.

Business Intelligence Engineer Intern – CCC Intelligent Solutions, Chicago, IL

Jun 2024 - Dec 2024

- Designed and maintained interactive dashboards in **Tableau**, ensuring alignment with client requirements and upholding the integrity of key metrics.
- Conducted comprehensive query formulation in **Dbeaver** and prepared QA Documentation to validate **KPI Consistency** between databases and data visualizations.
- Facilitated and participated in business meetings to gather and interpret **business requirements**, translating them into actionable insights for project goals. stakeholders.
- Simplified complex data findings through storytelling in dashboards, reports, and visualizations, ensuring accessibility, and clarity for stakeholders.

Salesforce Data Analyst - Accenture, Bangalore, India

Sep 2021- Dec 2022

- Configured and customized Salesforce to streamline data workflows, using declarative tools like Process Builder, Workflow Rules, and Validation Rules to automate business processes and enhance data accuracy.
- Developed and maintained custom Salesforce objects, fields, and record types, aligning data structures with business requirements to support insightful data analysis.
- Created and optimized custom reports and dashboards in Salesforce, providing enhanced data visibility and actionable insights to support data-driven decision-making.

CERTIFICATION

Salesforce Certified Administrator (Credential :2409829) | Tableau A-Z: Hands On- Tableau Training for Data Science ([Certificate Link](#))

ACADEMIC PROJECTS

Stock Market Sentiment Analysis ([Git URL](#))

2024

- Developed a sentiment analysis model using NLP techniques to forecast stock price trends based on Twitter data.
- Utilized Python libraries like Pandas and TensorFlow for data mining, addressing class imbalance, splitting datasets, and text preprocessing.

Lung Cancer Data Analysis Project ([Git URL](#))

2024

- Performed comprehensive data exploration and hypothesis testing in R to identify key factors influencing lung cancer.
- Created interactive Power BI dashboards using DAX functions to visualize trends and deliver actionable insights.

CTA Train Management System ([Git URL](#))

2024

- Developed an Oracle SQL-based train management system with complex queries, stored procedures, and an integrated web interface using HTML, CSS, and JavaScript for efficient schedule, reservation, and maintenance management.

EDUCATION

Illinois Institute of Technology, Chicago, IL

Dec 2024

Master's in Information Technology and Management

GPA: 3.80

Visvesvaraya Technological University, Belgaum, India

Aug 2021

Bachelor of Computer Science and Engineering

GPA: 3.40