

AKARSH KANAPARTHI

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PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with hands-on experience in data cleaning, transformation, visualization, and reporting. Skilled in Python, SQL, Tableau, and Excel, with a proven track record of delivering actionable insights that improve decision-making and operational efficiency. Adept at analyzing complex datasets, building dynamic dashboards, and collaborating cross-functionally to support business goals. Certified in Tableau Desktop Specialist and Microsoft Azure Fundamentals, with a passion for continuous learning and applying data to solve real-world challenges. Strong communication and problem-solving skills with a blend of technical proficiency and business understanding.

EDUCATION

New Jersey Institute of Technology, NJ, USA

Sep 2022 – May 2024

Master's of Science in Data Science

Vardhaman College of Engineering, Hyderabad, INDIA

Aug 2017 – Jun 2021

B.Tech in Electrical and Electronics Engineering

TECHNICAL SKILLS

Programming	Python, MYSQL, R
Visualization	Tableau, Minitab
Machine Learning	Deep Learning, Scikit-learn, TensorFlow
Tools	Docker, GitHub, MS Office, Jupyter
Soft Skills	Team Leadership, Communication, Problem Solving, Critical Thinking

PROFESSIONAL EXPERIENCE

New Jersey Institute of Technology, NJ, USA

Sep 2023 – May 2024

Desk Assistant

- Maintained accurate records, ensured privacy, and verified guest information.
- Supported resident operations with a focus on safety and compliance.
- Communicated with RAs and other staff about resident concerns or issues, and work with Public Safety during emergencies.

INNOCORE SOLUTIONS, INDIA

Jul 2021 – Jul 2022

Jr. Data Analyst

- Led data cleaning and transformation using Python (Pandas) and SQL, reducing processing time by 30 Percent.
- Created dynamic Tableau dashboards, enhancing management's ability to make informed decisions.
- Conducted in-depth customer behavior analysis, improving retention by 10 percent via targeted strategies.
- Identified trends through detailed analysis and proposed improvements, reducing operational costs by 10 percent.
- Worked cross-functionally to validate data and ensure consistency across reports.

INNOCORE SOLUTIONS, INDIA

Jul 2020 – Jun 2021

Data Analyst Intern

- Documented business and technical requirements, contributing to the creation of SOP's and user manuals for data reporting workflows.
- Performed basic SQL queries for data extraction and validation under supervision, supporting the senior analyst team in generating reports.

- Maintained and updated Tableau dashboards with real-time data inputs, improving visibility into key business metrics.
- Shadowed senior data analysts during client meetings and data analysis sessions, gaining insights into stakeholder reporting needs and workflow best practices.
- Observed dashboard requirement gathering sessions and provided post-session summaries to assist in dashboard development planning.

ACADEMIC PROJECTS

Attendance Management System

- Used Draw.io for workflow planning; documented project scope and risks using MS Word and PowerPoint.
- Calculated the critical path and risk enumeration to optimize project execution timelines.

Predict Future Sales

- Developed sales prediction models using Jupyter Notebook.
- Utilized historical sales data from 1C Company to forecast upcoming month sales.

Average Demand-Based Smart DSM

- Designed a load-monitoring controller using Arduino-Uno and real-time clock modules.
- Implemented alerts using buzzers and display units to prevent overload during peak hours.

CERTIFICATIONS

- [Microsoft Certified: Azure Data Engineer Associate certification DP-203 \(Microsoft\)](#)
- [Microsoft Azure Fundamentals AZ-900 \(Microsoft\)](#)
- [Certified Tableau Desktop Specialist \(Tableau\)](#)
- [Tableau Data Analyst/Specialist Desktop Certification \(Udemy\)](#)
- [Microsoft Azure Fundamentals AZ-900 \(Udemy\)](#)

AWARDS AND ACHIEVEMENTS

- Managed logistics for the ORTUS event, coordinated over 100 applicants, and facilitated time slot allocations.
- Recognized for tutoring English and Mathematics in Pre-College Programs.

ADDITIONAL EXPERIENCE

Leadership Experience

- Led project teams in SPM coursework; assigned roles based on skillset analysis.

Volunteer Experience

- Tutor for Pre-College Programs (English, Mathematics).
- Volunteer Librarian: managed student ID check-in/out and enforced borrowing limits.
- ORTUS Event: oversaw applications, scheduling, and on-ground coordination.