

Chandra Sekhar Sai Mellipaka

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— GitHub — Portfolio

Professional Summary

Aspiring Data Analyst with hands-on practice in data collection, data cleaning, exploratory data analysis (EDA), predictive modeling, and dashboard development through GenAI-powered (Tata iQ) and forensic data analytics (Deloitte Australia) simulations. Experienced in using SQL and Excel to clean, classify, and interpret datasets, identify patterns and anomalies, and translate business requirements into clear analytical conclusions. Skilled in building Tableau dashboards to communicate findings to stakeholders and documenting analysis processes and methodologies. Brings a detail-oriented, quality-first approach from a prior background in structured testing and data validation. Seeking a Data Analyst Intern role to apply data analysis, statistical analysis, and data visualization skills to real-world business problems.

Core Skills

Data Analysis, Data Collection, Data Cleaning, Data Wrangling, Data Processing, Exploratory Data Analysis (EDA), Data Interpretation, Data Visualization, Dashboard Development, Statistical Analysis, Predictive Modeling, Predictive Analytics, Model Selection, Model Validation, Data Quality Assurance, Data Quality Management, Anomaly Detection, Trend Analysis, Business Requirements Analysis, Analytical Documentation, Process Documentation, AI Analytics, AI Strategy, Decision Making, Strategic Thinking, Problem Solving, Critical Thinking, Ethical Reasoning, Regulatory Compliance, Stakeholder Collaboration, Cross-Functional Collaboration, Business Communication, Presentation Skills, Agile Methodologies, MS Office, Spreadsheet Skills

Technical Skills

Data Analysis and Visualization Tools: Tableau, Microsoft Excel (Pivot Tables, VLOOKUP, Macros), SQL, GenAI Analytics Tools, Python (Pandas, NumPy) - in progress, Power BI - in progress

Analytical Methods: Exploratory Data Analysis, Predictive Modeling Frameworks, Data Classification, Data Modeling, Descriptive Statistics, Data Quality Checks, Log Analysis, Requirement Traceability

Other Tools: MS Office, Spreadsheet Software

Education

Bachelor of Technology in Mechanical Engineering, Raghu Institute of Technology, 2021 - 2024

Diploma in Mechanical Engineering, Mrs. AVN Polytechnic College, 2017 - 2020

Projects

Tata iQ - GenAI Powered Data Analytics Job Simulation, Forage

- Completed an AI-powered data analytics and strategy simulation for Tata iQ's Financial Services team.
- Performed exploratory data analysis using GenAI tools to assess data quality, identify risk indicators, and structure inputs for predictive modeling.
- Proposed a no-code predictive modeling framework to assess customer delinquency risk, defining model logic and evaluation criteria.
- Designed an AI-driven collections strategy using agentic AI and automation, applying ethical AI principles and regulatory compliance requirements.

Deloitte Australia - Data Analytics Job Simulation, Forage

- Completed a data analysis and forensic technology simulation for Deloitte Australia.
- Built a Tableau dashboard to visualize and communicate key data findings to stakeholders.
- Classified data in Excel and drew business conclusions to support investigative analysis.

Certifications and Additional Experience

- Tata GenAI Powered Data Analytics Virtual Experience Program, Forage.
- Deloitte Australia Data Analytics Job Simulation, Forage, May 2026.
- Prior virtual experience programs in structured software testing and cloud architecture with AWS and Accenture, contributing a quality assurance and detail-oriented analytical foundation.