MANAVI RAWAT

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PROFESSIONAL SUMMARY

Data Science and Analytics enthusiast with 5+ years of experience transforming complex datasets into actionable insights that reduce risks, optimize processes, and support strategic decision-making. Adept at advanced analytics, machine learning, and data visualization using SQL, SAS, Python, R, and Tableau. Demonstrated success in building repeatable AI solutions, automating reporting workflows, and driving business outcomes across multiple industries.

SKILLS

- Programming: SQL, SAS, Python, R
- Tools: Tableau, Excel, SAS Studio, Dremio, Alteryx, Jira, Asana
- Cloud Platforms: GCP, Azure, AWS, Snowflake
- Concepts: Data Cleaning & Preparation, Data Visualization, Statistical Analysis, Hypothesis Testing, Machine Learning, Demand Forecasting
- Certifications: Alteryx Core, Python (Udemy), R Programming (DataCamp), SQL (DataCamp), SAFe Practitioner, Data Visualization in Tableau, Introduction to GenAI (Google)

WORK EXPERIENCE

Data Science and Analytics Consultant
HCLTech – Dallas, TX | May 2022 – Present
Project 1: AI Foundry and Advanced Data Science Solutions (Internal)

- Shortened request turnaround from several weeks to 1–2 sprints by integrating OpenAI services and existing AI platforms, accelerating solution prototyping.
- Developed demand forecasting solutions by implementing XGBoost, ARIMA, and Random Forest models, and deployed Blip models for computer vision tasks, supporting MEGA-LT industries (Manufacturing, Energy Utilities, Oil & Gas, Government, Aero and Defense, Logistics & Transportation, Travel and Hospitality).
- Enhanced scalability by developing reusable pipelines and standardized templates for data ingestion, model training, and deployment in Azure, cutting time-to-market.

Project 2: Credit Risk Analytics (Client: USAA)

- Reduced credit exposure by 15% by conducting comprehensive risk assessments with SAS, Excel, and SQL, resulting in more stable consumer portfolios.
- Improved reporting efficiency by 30% by automating processes in SAS, enabling timely escalation of critical risks to senior leadership.
- Increased portfolio performance by 10% by delivering data-driven insights on credit proposals and financial models, reducing default rates.
- Minimized operational risks by 20% by collaborating with cross-functional teams to streamline risk strategies, enhancing overall portfolio security.

Project 3: Bank Business Intelligence and Analytics (Client: USAA)

- Lowered data retrieval time by 20% by developing ad hoc reports in Snowflake and creating automated Tableau dashboards, accelerating decision-making.
- Improved alignment with organizational objectives by translating stakeholder requirements into actionable data solutions, enhancing end-user satisfaction.
- Maintained dashboard accuracy by facilitating end-user testing and peer reviews, reducing errors before publishing to production.

Associate Consultant
Atos Syntel – Dallas, TX | Client: FedEx Services | July 2020 – May 2022

- Improved data handling capabilities by documenting 100+ use cases for shipment services, clarifying system requirements.
- Optimized testing efficiency by 90% by managing a QA team of eight, mitigating project risks through a streamlined test strategy.
- Reduced project delivery time by 10% by collaborating with cross-functional teams to enhance shipment tracking and management workflows.
- Minimized manual efforts by 80% by cleansing and analyzing data for 16,000 shipments daily, identifying key automation opportunities.

Data Analyst Intern
Child Poverty Action Lab – Dallas, TX | Jan 2020 – May 2020

- Guided stakeholders in identifying key poverty indicators by analyzing data from 1,700 census tracts, shaping strategic policies.
- Aligned organizational goals by defining KPIs via exploratory data analysis in Python, enabling targeted interventions.
- Increased education quality by 12% by building machine learning models to predict education indices and recommend improvements.

EDUCATION

Master of Science in Business Analytics (Honors)
The University of Texas at Dallas (UTD), Dallas, TX | Graduated: May 2020 | GPA: 3.82/4
UTD Scholar of Recognition; Also served as a Graduate Teaching Assistant

Bachelor of Engineering in Computer Science Engineering
Rashtrasant Tukdoji Maharaj Nagpur University, Maharashtra, India | Graduated: June 2018