Anmol Dwivedi

Dallas, TX 75248

📞 +1-469-961-9975 ✉ dwivedi.anmol1996@gmai.com in linkedin.com/in/anmol-dwivedi ⚙ github.com/anmol-dwivedi

Summary

Data Scientist with 3+ years of experience in machine learning, cloud deployments, and predictive modeling. Skilled in Python, SQL, Machine Learning, and Data Visualization, with a track record of developing ML models for financial risk, automating analytics pipelines, and driving data-driven decision-making for Fortune 500 clients. Passionate about AI-driven solutions and scalable ML applications.

Education

The University of Texas at Dallas   **Aug 2023 - May 2025**
Master of Science, Business Analytics and Artificial Intelligence (GPA: 3.96)   *Dallas, USA*
   • **Achievements:** Dean's Excellence Scholarship Holder

Great Lakes Institute of Management   **Jan 2020 - Feb 2021**
Master of Science, Data Science (GPA: 4.0)   *Delhi, India*
   • **Achievements:** Ranked 3rd in a Cohort of 60 students

Kalinga Institue of Industrial Technology   **Aug 2014 - Apr 2018**
Bachelor of Technology, Mechanical Engineering (GPA: 3.60)   *Odisha, India*

Skills

- **Languages**: Python (NumPy, Pandas, Scikit-Learn, Streamlit, XGBoost), Tensor Flow, PyTorch, PySpark, R
- **Analytics**: Tableau, Power BI, Excel, Hypothesis Testing, Airflow, Trend Analysis, Docker, Github, Anaconda, JIRA
- **Machine Learning**: Classification, Regression, Neural Networks, Clustering, CNN, NLP, Transformers, GPT
- **Databases**: MongoDB, MySQL, PostgreSQL, Apache Spark, Google Big Query, Snowflake
- **Certifications**: AWS Cloud Practitioner, Google Analytics 4

Professional Experience

The University of Texas at Dallas | *Graduate Teaching Assistant*   **Aug 2024 - Present**
- Led course assistance for AWS Cloud Fundamentals and Predictive Analytics, enhancing learning for 50+ students.
- Mentored 15+ students to earn AWS Cloud Practitioner Certification through workshops in AWS Fundamentals.

Grant Thornton | *Jr. Data Scientist*   **Mar 2022 - Aug 2023**
- Leveraged Power BI to architect 50+ dashboards for internal audit teams, scrutinizing insurance, payroll, and finance data to reduce audit times by 30% and uncovering $500K in potential savings for the client.
- Executed a pre-implementation audit on a $2 billion C&l Loan Portfolio's CECL model with R and Excel, ensuring SR-117 compliance. Uncovered 3 medium- and 5 low-risk findings, facilitating risk mitigation for the bank.
- Directed an insurance project, designing KRIs and controls, and developed tailored continuous monitoring dashboards, using Power BI to successfully identify and flag 10% of policies in violation of company standards.

LS Digital Private Limited | *Data Analyst*   **Feb 2021 - Mar 2022**
- Created an end-to-end POC lead scoring solution for BFSI industries using Python, which helped our client increase sales by over 10%
- Executed AWS data pipeline: Automated data ingestion by 100% from 20+ sources, applied transformations, and organized files for seamless querying resulting in enhanced data accessibility.
- Implemented data pipelines for processing data from multiple company-owned databases and generated reports on AWS Quicksight, reducing manual workload by 80 hours and improving team efficiency

Accenture | *Application Development Associate*   **Apr 2018 - Aug 2018**
- Analyzed and processed large datasets using Python, SQL, and HTML to generate actionable insights, improving reporting efficiency by 10% for a client-facing application.

Projects

Customer Churn Prediction for Telecom Industry   **Mar 2024 - Apr 2024**
- Reduced churn rate by 22% by building a predictive model on 10M+ customer records, optimizing retention strategies for high-value users.
- Implemented SHAP-based feature importance analysis to identify top 5 churn drivers, leading to personalized retention campaigns.
- Deployed a Streamlit app in AWS for real-time churn insights, enabling CX teams to act instantly and reduce attrition risk.

Marketing Mix Model (MMM) for Revenue Attribution   **Aug 2024 - Sep 2024**
- Increased marketing ROI by 18% by developing a Regression model, analyzing $500M+ in marketing spend across channels.
- Identified 3 Built a FastAPI-based microservice to expose model predictions, reducing response time by 70% and enabling real-time revenue optimization.high-impact marketing channels driving 60% of revenue, guiding data-driven budget allocation for C-suite executives.
- Built a FastAPI microservice for model predictions, cutting response time by 70% and enabling real-time revenue optimization.

Volunteering and Leadership

- Vice-President, UTD Infinity Lion's Club, UTD – Volunteering for Social Causes & NGOs
- Sergeant at Arms, University Toastmasters of Dallas, UTD
- President, KIIT Aeronautical Society, KIIT University