

PRANAV GARG

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EDUCATION

The University of Texas at Austin – McCombs School of Business

May 2025

Master of Science, Business Analytics

University of Vellore Institute of Technology, India

May 2022

Bachelor of Technology in Information Technology | GPA: 8.72/10

SKILLS

- Software: SAP S/4 HANA, SAP Fiori, Azure DB, Snowflake, Coupa, Excel, Power BI, Docker
- Computer Languages: R, Python, SQL, Java, RDBMS, ABAP, C, C++, VBA
- Soft Skills: Agile Methodology, Inquisitiveness, People Management, Team Motivation, Adaptability
- Certifications: Microsoft Azure Data Fundamentals, Data Science Methodology (IBM), Business Analyst/Data Scientist Certificate (Collibra University), Coupa Analytics Certificate, Statistics Foundations

PROFESSIONAL EXPERIENCE

Kimberly Clark - Bangalore, India

Solution Engineer

September 2023 - June 2024

- Resolved data quality issues by **collaborating** with **cross-functional** teams and incorporating diverse perspectives to spark change, improving data readability and enabling business stakeholders to make informed decisions
- Standardized onboarding procedures in Coupa, decreasing average supplier **integration** time by 25% (40 Mins); expanded efficiency in supplier integration, ensuring quicker and more streamlined onboarding processes
- Achieved **significant cost savings** in Source-to-Pay **S2P** processes by consolidating regional systems into unified global cloud platform, reducing redundancies and improving scalability
- Implemented process improvements in data **storage management** for SAP Materials Management tables, in conjunction with Coupa, reducing storage costs and enhancing **scalability** for Global Development

Business Analyst

September 2022 – September 2023

- Demonstrated leadership by **implementing digital centralization** for procurement, cutting down on manual intervention, and 50% decrease in approval cycle time through digitized workflows
- **Optimized** SQL queries and database performance, reducing execution time by 30% using **KPIs** to track improvements, leading to faster and more effective data-driven decisions
- Attained 78% data accuracy by scrutinizing Purchase Order (PO) processes Source to Pay (S2P) cycle through ERP system **automation**, reducing errors and improving reliability by utilizing API connections for real-time updates

Enterprise Data Management Intern

January 2022 - July 2022

- Spearheaded Azure Data Factory and Databricks solutions across EMEA and North America, leveraging Agile framework to **streamline** ETL development with scalable data ingestion and quality framework
- Initiated and integrated Master Data Management (**MDM**) solution into existing workflow, empowering business users to manage slowly changing data, reducing technical team's workload by 80%
- Enhanced **data governance** using **Collibra**, achieving 95% data accuracy, reducing reliance on Excel, and improving data management and accessibility for business stewards, leading to better integration and streamlined processes

ACADEMIC PROJECTS

ICU Mortality Prediction

December 2024

- Developed global ICU mortality prediction model using GOSSIS dataset (~380K patient records from 9 countries), employing PCA for dimensionality reduction and SMOTENC to address severe class imbalance
- Implemented Multi-Layer Perceptron (MLP) Neural Network achieving 90.18% recall, outperforming traditional APACHE scores in identifying high-risk patients across diverse healthcare settings

ICU Mortality Prediction Connect 4 AI Bot Development

January 2024

- Developed Connect Four AI using Monte Carlo Tree Search to generate training data, and implemented CNN and Transformer models for move prediction in TensorFlow to accurately classify best move for given board state
- Containerized and deployed trained models on AWS Lightsail (using Docker) and built an interactive Anvil-based web app with secure user authentication, enabling real-time gameplay against AI directly from browser