

UDAY GATTI

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PROFILE

Data Analyst with 2 years of experience in analyzing complex datasets and developing data-driven insights. Lead teams in optimizing processes and supporting businesses with decision-making insights with expertise in customer and resource management in supply chain.

Software Expertise: Scripting (Python, R); DB (MySQL, NoSQL, BigQuery); CRM Tools (MS Dynamics 365, Zoho, Salesforce, QuickBooks, Hubspot); BI Tools (Tableau, Power BI, Looker, Quicksight); Cloud (GCP, AWS, Azure); Excel (Pivot Tables, Xlookup, VBA, Macros); Others (MS Office suit, Oracle BI).

Core Competencies: Data Analytics, Customer and Resource Management, Data Visualization, Data Mining, Data Modelling, Bigdata, Machine Learning, Agile, Scrum, Database Management, ERP Tools.

Certifications: Google Data Analytics Professional Certificate, IBM Data Analyst Professional Certificate, Microsoft Certified: Power BI Data Analyst Associate, and CompTIA Data+

PROFESSIONAL EXPERIENCE

Gran Trade Inc

Carlstadt, NJ

Inventory & Sales Data Analyst

June 2025

- Improved inventory accuracy by 9% by conducting root cause analysis on stock discrepancies and implementing streamlined reconciliation processes using QuickBooks CRM.
- Reduced stockouts by 15% by analyzing sales trends across 1,000+ SKUs and aligning reorder points with real-time demand and customer behavior data.
- Developed 5+ automated dashboards in Excel and Power BI to monitor inventory KPIs, sales velocity, and aging stock, enhancing visibility for leadership decision-making.

Inventory Management Analyst (Capstone Course, University of Bridgeport)

Feb 2025

- Reduced excess inventory by 5% and improved stock turnover by 13% by analyzing inventory and sales trends across 500+ SKUs using QuickBooks CRM data.
- Developed Excel-based dashboards and integrated with QuickBooks to track stock levels, reorder points, and supplier performance, increasing reporting accuracy by 20%.
- Enhanced demand forecasting accuracy by 5% by aligning order history with purchasing strategies and warehouse inventory cycles.

Smart Internz

Chennai, India

Data Analyst

Jan 2022 – April 2022

- Implemented machine learning algorithms to predict equipment failures, allowing for proactive maintenance and reducing unexpected breakdowns by 25%.
- Developed predictive models using historical and real-time data, forecasting equipment failures with 85% accuracy and optimizing maintenance schedules.
- Designed and deployed a predictive maintenance dashboard, providing actionable insights and increasing equipment uptime by 20%.
- Developed automated reporting systems that generate weekly performance summaries, reduce report preparation time by 40% and ensure timely dissemination of critical information.

Cognibot

Chennai, India

Data Analyst

July 2021 – Dec 2021

- Developed and implemented data collection systems, enhancing data accuracy and reducing manual entry errors by 25%.
- Interpreted and analyzed real-time data using statistical techniques, leading to a 20% improvement in operational efficiency.
- Utilized data modeling to predict equipment failures, reducing unexpected downtime by 15%.
- Developed interactive dashboards using Power BI, improving decision-making processes and reducing report preparation time by 30%.

EDUCATION

University Of Bridgeport, The Ernest C. Trefz School of Business

Bridgeport, CT

Master of Science in Analytics and Systems

May 2025

Sathyabama University

Chennai, India

Bachelor of Engineering in Computer Science & Engineering

May 2023

PROJECTS

- NCAA Women basketball ticket sales forecast:** Developed predictive models for Women's NCAA Basketball ticket sales, achieving an accuracy of 96.89% using XGBoost and 97.60% with a Deep Neural Network, leading to optimized revenue strategies and enhanced customer experiences.
- Global Food Security Trends:** Conducted an in-depth analysis of global food insecurity trends from 2000 to 2022 using Tableau, integrating datasets from organizations such as the IMF, FAO, OECD, World Bank, and WHO, to uncover underlying causes and provide insights into mitigating this global challenge.
- Firm Bankruptcy Prediction:** Developed predictive models using SAS Enterprise Miner to forecast firm bankruptcy, achieving an accuracy of 97.60% with a Deep Neural Network and 96.89% using XGBoost, enabling proactive risk management strategies.

LEADERSHIP ACTIVITIES AND PUBLICATIONS

- Cofounder**, ACM Student Chapter, Sathyabama University. Founded and led team of 8 to increase student participation.
- Member**, Delta Mu Delta International Business Honor Society (Theta Delta Chapter, 2025)
- Mood -Enhancing Music Recommendation System based on Audio Signals and Emotions (IEEE XPLORE)