

Kashyap Mehta

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EDUCATION

Master of Science, Business Analytics; GPA: 4.19/4.33

December 2024

W. P. Carey School of Business, Arizona State University

Tempe, Arizona

- Operations & Supply Chain Management, Analytical Decision Modeling, Business Process Analytics.

Bachelor of Technology, Computer Science and Engineering

November 2019

S.R.M Institute of Science & Technology

Chennai, India

- Machine Learning, Database Management, Deep Learning, Object Oriented Programming.

PROFESSIONAL EXPERIENCE

Summer Intern

May 2024-Current

Avnet Inc

Tempe, Arizona

- Developed a Supply Chain Risk & Resiliency Tool using machine learning to predict and mitigate disruptions.
- Analyzed historical data, trends, and external factors to enhance supply chain resilience and decision-making.
- Simulated scenarios to forecast engineering and development impacts, improving strategic decision outcomes.
- Applied data science and supply chain expertise to innovate risk management solutions and strengthen resilience.

Sustainability Solutions Analyst – Certified Lean Six Sigma Green Belt

January 2024-August 2024

Rob and Melani Walton Sustainability Solutions, Arizona State University

Tempe, Arizona

- Designed film plastic diversion programs, diverting 150 tons of waste annually across multiple sectors.
- Led industry interviews and pilot assessments, co-developing waste diversion strategies with stakeholders.
- Developed a business model to evaluate and optimize financial and logistical aspects of waste diversion programs.
- Collaborated with cross-functional teams to implement source separation, accumulation and collection processes.

Business Analyst – Operations & Supply Chain

April 2021-May 2023

PRT Bell Company

Chennai, India

- Boosted supply chain efficiency by 20% through Odoo ERP implementation, enhancing operational excellence.
- Achieved a 16% rise in customer acquisition via strategic initiatives, aligning with customer-centric goals.
- Utilized Excel and Tally for analytical reporting, aiding in strategic decision-making with actionable insights.
- Spearheaded digital transformation, boosting e-commerce sales and order fulfillment process efficiency.

Business Technology Analyst

January 2020-March 2021

PRT Bell Company

Chennai, India

- Optimized data management, leading to enhanced productivity and operational efficiency by 30%.
- Conducted product research and competitor analysis, enhancing market positioning and business growth.
- Led 4 promotional events each quarter, increasing brand visibility, and strengthening customer relationships.
- Guided technology team of 5, fostering collaboration for effective team management.

PROJECT EXPERIENCE

Satellite Image Detection & Classification, Arizona State University, Dr. Asim Roy

January 2024-Current

- Collaborated on an innovative computer vision project to develop Convolutional Neural Network (CNN) models using Explainable AI, focusing on satellite imagery for object classification, detection and tracking of military aircraft.
- Conducted adversarial attack simulations to benchmark XAI model performance, achieving a model robustness that outperformed base models by 35%, with a hypothesis on XAI's potential natural defense against such attacks.

SKILLS & ACTIVITIES

Interests: Circular Economy, Astrology, Formula One, American TV Sitcoms, Manga Comics

Achievements: Beta Gamma Sigma Honorary Member, SCSU Global Business Case Competition 2024 - Runner Up

Certifications: Green Belt – Lean Six Sigma, [100 Days of Code Python Bootcamp](#), [Tableau Advanced](#)

Programming: Python, C++, SQL

Deep Learning: PyTorch, TensorFlow, OpenCV, YOLO, ART, Scikit-learn

Data Analysis: Pandas, NumPy, Gurobi, Plotly, Matplotlib, Seaborn, Beautiful Soup, NLTK, Spacy.

Data Visualization & Statistical Analysis: Advanced Excel, Tableau, Power BI, Minitab, SPSS, @Risk, Streamlit

Strategic Operational Leadership: ERP Systems, Design of Experiments, Excel Modeling, Solver, Lean Six Sigma, Risk Management, Sustainable Social Responsibility, Budget Management, Cross-functional Team Coordination