

Swati Kumari

swatik@iastate.edu | 515-598-6487 | [LinkedIn](#) | [GitHub](#) | [Website](#) | Ames, Iowa 50010

OBJECTIVE

MBA and MSIS candidate with 4+ years of cross-functional leadership and business analysis experience, specializing in product strategy, stakeholder engagement, and agile project management. Adept at identifying business needs, managing initiatives from concept to execution, and translating data insights into growth strategies. Passionate about building customer-centric products that drive innovation and impact.

EDUCATION

Iowa State University, Ames, Iowa

Aug 2022 - May 2025

- Management of Business Administration (MBA with specialization in Leadership)
- Master of Science in Management Information Systems (STEM) | Graduate Certification in Business Analytics

JNTU Hyderabad, India

Aug 2011 – June 2015

- Bachelor of Technology in Computer Science & Engineering

PROFESSIONAL EXPERIENCE

Data Science for Public Good- Community and Economic Development, Iowa State University Extension and Outreach

Graduate Research Fellow- Product -Led data Strategy

May 2023- July 2023

- Led cross-functional data science teams using Agile to develop strategies for Iowa's local food systems.
- Leveraged Python, SQL, and JIRA-based workflows to build data pipelines, dashboards, and machine learning-driven analyses for actionable insights.
- Collaborated with the Iowa Dept. of Human Rights and AgMRC to align product outcomes with stakeholder needs.

Accenture, India

Business Analyst -Google Fi

June 2018 – Sep 2021

- Built BI dashboards and designed A/B tests to optimize marketing initiatives, achieving a 70% increase in campaign conversions.
- Collaborated with cross-functional teams to refine product features and drive data-based decisions of marketing strategies.

Business Operations Analyst

Feb 2016 – May 2018

- Created operational KPIs and real-time dashboards (in Tableau and Power BI) to monitor project health, track business outcomes, and inform leadership decisions. Led process improvements using Lean Six Sigma.
- Streamlined operations and reporting, collaborating with stakeholders to implement scalable, data-driven solutions.

SKILLS

Languages : Python, R, SQL, HTML5

Analytics & Tools : Tableau, Power BI, RapidMiner, ArcGIS, SAS, Git, Scikit-learn, Pandas, NumPy, Matplotlib

Methods & Techniques : Machine Learning Models, Data Visualization, Predictive Analytics, A/B Testing, Large Language Models (LLMs), Statistical Analysis

Business Strategy : Stakeholder Management, Strategic Planning, Market Research

Project Management : Agile, Scrum, JIRA, Trello, Microsoft Project

Leadership : Team Leadership, Cross-functional Collaboration, Change Management

PROJECTS

Supply Chain Optimization with LLM

Jan 2024 – Mar 2024

- Developed a supply chain optimization workflow incorporating **Large Language Models (LLMs)** and **Kaggle** datasets to identify trends and recommend data-driven improvements.
- Built predictive analytics pipelines to forecast demand, optimize inventory, and streamline logistics planning.

Chatbot Design using RAG (Retrieval-Augmented Generation)

- Built a domain-specific chatbot leveraging RAG architecture, integrating vector-based retrieval (FAISS) with GPT models to provide accurate, context-aware responses.
- Developed an interactive Streamlit interface for real-time user queries, document uploads, and dynamic knowledge-based conversations.

LEADERSHIP EXPERIENCES

MBA Ambassador, Ivy College of Business

Aug 2023- Present

- Developed and delivered program presentations and recruited prospective MBA students.
- Promoted the school's leadership and product-oriented curriculum through peer mentorship and events.

College of Business Chair- Graduate Professional Student Senate (GPSS), Iowa State University

Aug 2022- present

- Led departmental initiatives and student advocacy efforts in collaboration with the Dean.
- Ensured governance compliance and facilitated communication across university leadership.

TCU Supply Chain Case Competition- Texas

Feb 2024

- Participated in the TCU Supply Chain Case Competition, collaborating with a multi-disciplinary team to analyze real-world data and propose strategic, data-driven solutions.