

# Nikita Suryawanshi

P: (412) 954-8849 | nikita.suryawanshi@gmail.com | [LinkedIn](#) | [Portfolio](#)

Data-driven Business Analyst with expertise in statistical analysis, predictive modeling and agile product strategy. Skilled at translating complex datasets into clear, actionable insights and intuitive tools by partnering with cross-functional teams.

## EXPERIENCE

### Management Science Associates

Pittsburgh, PA

Business Data Analyst (Co-op)

01/2025 – 05/2025

- **Reduced data preparation time by 60%** by building an automated tool (AI Quality Assurance Agent) for detection of missing values, duplicates, and anomalies in sales data using Python and machine learning, speeding analytics
- **Accelerated the data-cleaning workflow by ~90%** through a dashboard for raw data uploads, delivering error reports and corrected files in real time
- Integrated an LLM chat interface to guide users on next-step analyses, **reducing support tickets & boosting adoption**
- **Enabled scalable client deployment** through data-agnostic architecture for financial, commercial, healthcare datasets, etc.

### PepsiCo

Hyderabad, India

Junior Analyst

07/2022 – 05/2024

- **Boosted user traffic +55%** through digital strategy & transformation by analyzing customer & web data to redesign the e-commerce website
- **Drove a 30% increase in sales**, collaborating on “Flamin’ Hot University” campaign by positioning the products across social causes & linking purchases to loan-relief efforts
- **Achieved a 95+ internal performance score** and surpassed Lighthouse KPIs by building a Next.js website to optimize loading, responsiveness, and accessibility by collaborating with engineering, product, and business teams
- **Improved accessibility +80%**, demonstrating leadership by guiding a six-person agile team to deliver ADA-compliant features

## EDUCATION

### Carnegie Mellon University – Tepper School of Business

Pittsburgh, PA

Master of Science, Business Analytics

GPA: 4.08/4.33

08/2024 – 05/2025

- Honors: University Honors, Scholarship for Academic Performance
- One of 10 CMU delegates at the Grace Hopper Conference 2024
- Teaching Assistant: Business Communication for Analytical Decision Making
- Courses: Business Fundamentals, Optimization for Prescriptive Analytics, Business Value Analytics, Analytical Marketing, Ethics & AI, Operations & Supply Chain Analytics

### Vellore Institute of Technology

Vellore, India

Bachelor of Technology, Electronics & Instrumentation

GPA: 9.12/10

07/2018 – 05/2022

## PROJECTS

### P2P Lending Investment Strategy

- **Evaluated loan risk & returns** for comprehensive financial analysis by utilizing python & machine learning to analyze data
- Crafted go-to-market strategy & predictive models to **enhance risk management &** forecast lending performance
- **Supported investment strategies & dynamic allocation decisions** by developing an interactive portfolio optimization tool

### AI-Driven Insurance Claim & Premium Prediction

- **Predicted claim likelihood & costs**, utilizing Python, ML models to deliver realistic, unbiased premium estimates that **passed global ethical standards**
- **Upheld GDPR, CCPA compliance & fairness standards** by removing sensitive attributes & applying bias mitigation

## SKILLS

- Data & Analytics: Data Exploration, Data Visualization, Data Mining, Data Modeling, ETL, EDA
- Technical: Python, SQL, R, Tableau, Power BI, HTML, Microsoft Suite (Word, PowerPoint, Excel), MongoDB, Statistical Modelling, Business Intelligence, Predictive Models & Analytics
- Business & Professional: Business Performance & Strategy, Project Management, Product Management, Communication Skills, Presentation Skills