

VENKATA SANDILYA BAGAVATHULA

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EDUCATION

Stevens Institute of Technology

Master of Science in Business Intelligence and Analytics; Minors in Data Analytics
Relevant Coursework: Healthcare Analytics, Marketing Analytics and Process Optimization
Honors: Duck Pride Award and Provost Masters Scholarship

Hoboken, NJ
December 2023
GPA: 3.89/4.0

Manipal Institute of Technology

Bachelor of Technology in Biomedical Engineering

Manipal, India
August 2021

SKILLS

Programming Languages and Database Tools: Microsoft SQL Server Management Studio, Python, Google Cloud Platform (Big Query, Data Studio), R, MongoDB, Alteryx, Microsoft Excel, Tableau, Power BI, ERWIN, SAS, Visio

Certifications: Lean Six Sigma Green Belt- TUV SUD, Data Analyst with Python- Data Camp

WORK EXPERIENCE

Johnson and Johnson

Logistics Data Analyst

Raritan, NJ
May 2024 - Present

- Utilized SQL, Tableau, and Alteryx to analyze KPIs related to inbound, outbound, inventory and tracking, identifying trends and inefficiencies to drive process improvements and to support process mapping towards WMS upgrade
- Developed and managed project plans for process mapping workshops, overseeing timelines, resources, and communication to streamline logistics processes and drive continuous supply chain improvements

Storied Data Inc.

Data Analyst Intern

Newark, NJ
January 2024 – April 2024

- Developed and enhanced data visualizations and automated financial and operational metrics, delivering actionable insights to clients, while collaborating with teams to establish effective and scalable datasets
- Created technical and non-technical training materials and presentations, contributed to high-stakes presentations to senior leadership and client stakeholders, and effectively communicated project status and progress to management on a weekly basis

Stevens Institute of Technology

Summer Research Assistant

Hoboken, NJ
May 2022 – August 2022

- Analyzed transcript text data from 50 Zoom meetings for a research project on influence of AI in team decision-making, identifying key patterns in how AI inputs affects product selection choices, which helps to understand and predict market trends and consumer behavior
- Collaborated with multidisciplinary team to Implement Python scripts, quantifying the impact and revealing 60% alteration in team decisions, enhancing understanding of AI's role in collaborative decision processes

Incozen Therapeutics, Captive Research Center of Rhizen Pharmaceuticals, Switzerland

Data Analysis and Market Research Intern

Hyderabad, India
July 2021 – November 2021

- Performed comprehensive pharmaceutical market research, identifying critical trends and competitor strategies, which directly influenced the successful pivot of R&D strategy towards a market opportunity
- Streamlined project management processes for drug development initiatives, ensuring adherence to regulatory timelines and contributing to significant improvement in cross-functional team productivity and project delivery efficiency

GE Healthcare

Analyst Intern

Bengaluru, India
January 2021 – May 2021

- Implemented Lean Six Sigma principles to enhance product testing procedure of MRI units, performing process analysis to recognize and address root causes of increased cycle times and inefficiencies
- Utilized Python for process mapping and value stream analysis, focusing on cycle time, waiting time and overproduction, to pinpoint inefficiencies and waste sources, showing 4% improvement in production efficiency

BeAble Health

Intern

Hyderabad, India
June 2020 – August 2020

- Implemented Quality Manual for ISO 13485 certification by ensuring alignment with global standards for medical device quality management through documentation of all procedures and review of project deliverables
- Significantly enhanced compliance, elevated operational excellence, and facilitated smoother regulatory approvals

PROJECTS

Wakefern Food Corporation | Industry Project

January 2023 – March 2023

- Effectively analyzed monthly sales data and achieved business objectives through sales, gross profit, and profitability maximization opportunities and troubleshooted issues to maximize performance and drive success
- Gathered POS dataset containing up to 100,000 rows from multiple sources, transformed and analyzed data using advanced Python techniques (Pandas, NumPy, Matplotlib, Seaborn) and SQL to uncover valuable insights and drive strategic decision making
- Created dynamic dashboards and visualizations on MS Excel and Tableau to effectively communicate key performance indicators (KPI) and meet the specific needs of clients and the business