ANJANA SOWMYA PUVVADA

Syracuse, NY- 13210 | +1(315) 3957172 | apuvvada@syr.edu | LinkedIn

SUMMARY

Experienced Business Analyst with 3+ years in data analysis, predictive modeling, and strategic decision-making. Expert in Power BI, Tableau, and SQL, driving efficiency and cost savings. Proven track record of delivering actionable insights to senior leadership.

EDUCATION

Syracuse University, Martin J. Whitman School of Management   **Syracuse, NY**
Master of Science in Business Analytics   **August 2022 - May 2024**
GPA: 3.8.
Key Projects.
Advanced Meter Infrastructure (AMI) Deployment and Performance Analysis.

- Utilized Power BI and Tableau to collect and integrate data from SQL databases and Excel; validated data accuracy; developed performance dashboards; conducted geospatial analysis; and performed predictive models for deployment optimization in a Lean project.
- Resolved non-communicating endpoint issues by cooperating with field teams; equipped performance metrics; and maintained effective communication with internal departments and stakeholders, suggesting ways to reduce overall project costs by $5 million.

EXPERIENCE

Syracuse University   **Syracuse, NY**
Teaching Assistant, Lean Six Sigma & Project Management   **January 2024 - May 2024**

- Collaborated with Professor Gary La Point to facilitate coursework and assess over 150 students per semester in Lean Six Sigma and Project Management, utilizing educational technologies such as Blackboard and Canvas.
- Organized and lead instructional sessions to deepen student understanding of key concepts, while also developing and executed grading rubrics align with course objectives.
- Analyzed timely and constructive feedback on assignments and exams, contributing to students' academic development and course improvement.
- Ensured continuous enhancement of curriculum effectiveness through detailed analysis of student engagement and performance metrics.

National Grid   **Syracuse, NY**
Business Analyst   **August 2023 - December 2023**

- Leveraged Power BI to evaluate operational delays from AMI gas modules, performing quantitative analysis with retail mathematics and statistics to drive marketing strategies and customer service improvements, leading to a potential $5 million in savings.
- Synthesized route optimization and scheduling enhancements with strategic marketing tactics, mitigating financial impact of customer revisits and operational costs.
- Managed analytical projects, including interpretation of Consumer Panel data, utilizing Tableau for comprehensive market risk assessments and visualization of complex data, achieving predictive accuracy in marketing strategy adjustments.
- Coordinated with cross-functional teams-Buying, Digital Analytics, and Customer Analytics-to integrate market insights with business objectives, streamlining communication of intricate data findings to influence marketing decisions and optimize profitability.
- Executed monthly and quarterly analyses, providing clear, actionable insights to internal stakeholders, and acted as a liaison for market intelligence to manage fast-paced, multi-task project environments.

Ohio Senior Home Health Care, LLC   **Columbus, Ohio**
Business Analyst intern   **May 2023 - August 2023**

- Directed thorough data analysis to identify trends, patterns, and KPIs related to patient care, billing, and reimbursement, resulting in enhanced decision-making processes by 70%.
- Collaborated with IT teams to implement and integrate electronic health record (EHR) systems and other healthcare software, revamping data accuracy by 85%, and improving accessibility for healthcare providers.
- Created customized dashboards and reports using tools Tableau / Power BI to provide senior management with real-time insights into key performance metrics, enabling data-driven decision-making.

- Advised in development of annual budgets and financial forecasts, tracking actual performance against budgets, and delivering insights for cost control.

Mylan Laboratories Limited   **AP, India**
Data Research Analyst   **August 2020 - May 2022**
- Carried comprehensive market research and analysis to support strategic decision-making, supporting 10% increase in market share within cardiovascular drug segment.
- Developed and implemented advanced predictive models leveraging machine learning algorithms, thereby enhancing forecasting accuracy and improving overall supply chain management.
- Collaborated cross-functionally to design and implement interactive dashboards, providing real-time visibility into key performance indicators and facilitating informed decision-making.
- Streamlined product development processes by identifying market trends and customer preferences, reducing time-to-market for new drug candidates by 20%.
- Conducted comprehensive data analysis, resulting in a 15% reduction in operational costs through optimization of efficiency.

SKILLS
- **Data Analysis & Visualization:** Monitoring loyalty program KPIs, customer data mining, strategic segmentation, Tableau, Power BI, MicroStrategy, SAP BusinessObjects.
- **Analytical & Technical Skills:** Python (NumPy, Pandas, Seaborn, Matplotlib), R, SQL, predictive modeling.
- **Project Management & Methodologies:** Lean Six Sigma, Agile (Scrum, Kanban), change management.
- **Communication & Leadership:** Excellent interpersonal skills, written and verbal communication, client-facing and consulting experience, supporting senior leadership in decision-making.
- **Applications & Tools:** Microsoft Excel (advanced formulas, pivot tables, data modeling), HTTP, NLP, Visual Studio Code (VS Code), React.
- **Database Management:** SQL Server (design, management, query optimization).
- **GIS and Deployment Coordination**: Experience with ArcGIS, Salesforce (Field Service Lightning), CSS.

CERTIFICATIONS
- Power BI Data Analyst Associate, Microsoft Certified - June 2024.
- Lean Six Sigma Green Belt, Syracuse University - December 2023.
- Excel Specialist, Microsoft Certified - November 2022.