

# Harshini Ravi

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## SUMMARY

Data Analyst with 3+ years of experience delivering actionable insights through advanced analytics and scalable reporting. Skilled in SQL, Python, R, Tableau, and Power BI, with a proven track record in analytics automation, statistical analysis, and cross-functional collaboration. Adept at transforming complex data into strategic recommendations to drive business growth and operational efficiency

## EDUCATION

**University of North Carolina Wilmington**, Wilmington, North Carolina **GPA: 4.0**

Master of Science Business Analytics, May 2024

**State University of New York at Farmingdale**, Farmingdale, New York **GPA: 3.7**

Bachelor of Science Mechanical Engineering Technology, May 2015

## TECHNICAL SKILLS

**Tools:** Alteryx (Admin level), PowerBI (Admin Level), Tableau (Admin Level), Azure, SQL, Python, R, JMP, Microsoft Excel, Aginity, Netezza (Admin Level), Python, Hadoop ecosystem, Solver, AutoCAD, SolidWorks, Autodesk Inventor, Mastercam, CATIA, ANSYS

## TECHNICAL EXPERIENCE

### ***Business Intelligence Specialist – Splash Scripts***

Coimbatore, India (September 2018 – March 2021)

- Designed advanced analytics models and dashboards that gave leaders clear insights into growth opportunities, shaping strategic decisions across the business
- Automated reporting with SQL, Alteryx, and scripting—cutting manual work by 80% and making data delivery faster and more reliable
- Built strong data validation routines, ensuring every client deliverable met the highest standards for accuracy and consistency
- Tackled complex data challenges with creative SQL solutions, supporting urgent business needs and high-value client requests
- Translated complex datasets into intuitive Tableau and Power BI dashboards, making insights accessible to both executives and clients
- Worked side-by-side with engineering, product, and business teams to resolve data quality issues and continuously improve analytics tools
- Delivered clear, actionable presentations to clients and senior leaders, supporting major sales and business development efforts
- Guided and supported junior analysts, sharing best practices and fostering a collaborative team culture.
- Presented findings and recommendations directly to executives and clients, helping steer business strategy with data-driven insights

### ***Manufacturing Design Engineer – Coco Architectural Grilles & Metalcraft***

Farmingdale, New York, USA (September 2015 – June 2018)

- Collaborated with engineering, operations, and suppliers to optimize manufacturing processes and improve product quality
- Performed detailed data analysis and cost assessments to support design improvements and manufacturing efficiency
- Developed process improvement initiatives that reduced production cycle times and enhanced operational performance
- Created technical documentation, BOMs, and engineering reports for cross-functional stakeholders
- Conducted regular quality audits and root cause analysis to identify process inefficiencies and implement corrective actions