

# SWAPNIL HERWADKAR

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## PROFESSIONAL SUMMARY

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Data Analyst and BI professional with 3+ years of experience delivering \$10M in cost savings and 10% revenue growth. Engineered scalable ETL frameworks, automated workflows, and optimized decision-making speed by 30%. Proficient in Power BI, Tableau, SQL, and Python to distill complex data into impactful business insights, reduced IT support incidents by 40% and driving operational excellence.

## SKILLS

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**Data Analysis, Data Visualization and Automation Tools:** Tableau, Power BI, Microsoft Excel (Pivot Tables, VBA).

**Database Management:** MySQL, SQL Databases, SAP HANA, Data Modeling, Data Mapping, ETL.

**Programming Languages:** Python (Pandas, Scikit, Matplotlib, Seaborn), R, Linux Scripting.

**Project Management:** Stakeholder Management, Lean, Agile, Automation and Reporting, Business Requirements, UAT.

## PROFESSIONAL EXPERIENCE

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**Senior Business Analyst, Accenture**

Nov 2022 - Jun 2023

- Led stakeholder workshops, improving project efficiency by 15%. Conducted business case development and validated requirements, ensuring alignment with technical specifications and project objectives.
- Boosted decision-making speed by 30% and improved data transparency; directed cross-functional teams to develop KPI-driven business solutions.
- Automated processes and generated technical reports, reducing manual tasks by 60%, refined data accuracy, and boosted operational efficiency.
- Facilitated UAT (User Acceptance Testing), collaborated with stakeholders to develop a requirements traceability matrix, ensuring seamless implementation and reducing post-launch issues by 25%.

**Business Intelligence Analyst, Accenture**

Feb 2021 - Nov 2022

- Integrated 2TB of data into SAP HANA, improving data management and optimized decision-making processes for increased efficiency.
- Optimized workflow efficiency by 35% through integration of data from five sources, enhancing business use case accuracy. Contributed to business case development to improve decision-making.
- Collaborated with cross-functional teams to resolve incidents using SQL, reducing the incident frequency by 40% and improving system uptime to 94%.
- Expedited all project milestones ahead of schedule, receiving a Certificate of Appreciation for 100% compliance with project timelines.

## PROJECTS EXPERIENCE

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**Digital Advertising Churn Analysis** (Python-Pandas, Scikit, Matplotlib)

- Applied exploratory data analysis and engineered predictive models using Python, including Logistic Regression, Random Forest, and XGBoost, improving churn prediction accuracy by 20% and increasing user retention by 25%.

**Marketing Model Analysis – Spotify** (Tableau, Python)

- Elevated Spotify's brand strategy and revenue by 15% through competitive analysis and automated media analytics with Tableau and Python, reducing manual reporting by 40%.

**Food Import Analysis - USA** (Power BI, SQL)

- Streamlined report clarity and decision-making by refining 15 reports, reduced generation time by 20% through SQL queries and Power BI configurations, and enhanced accuracy with regression analysis.

**Inventory Optimization Analysis – Alcohol Beverage Services** (Excel, Tableau)

- Revamped inventory management by analyzing breakage data, identifying top 5 products, cutting costs by 15%, and improving efficiency through SQL query optimization and Tableau visualizations.

## EDUCATION

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University of Massachusetts Amherst

**Master of Science in Business Analytics**

Sep 2023 - Aug 2024

RTM Nagpur University, Shri Ramdeobaba College of Engineering and Management

**Bachelor of Engineering in Electronics**

Aug 2016 - Sep 2020