

# SARAN PANDIYAN B

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## PROFILE SUMMARY

Results-driven professional with strong analytical and technical expertise in transforming complex data into actionable insights to drive strategic decision-making. Proficient in data pipeline development, data collection, cleaning, and visualization using SQL, Python, Power BI, and Tableau. Experienced in improving data quality, performance, and governance, with a focus on database management, predictive modeling, and compliance. Skilled in collaborating with cross-functional teams to align data-driven strategies with business objectives.

## SKILLS

### Programming Language

- Python
- VBA
- Java

### Analytical Tools

- Excel - Advanced
- Power BI
- Power Query
- SQL

### Version Control

- GIT

### Other

- Customer Interaction
- Windchill
- SAP BtB

## PROJECTS

### HCL Tech

UDI 2D Complaints

Client : JNJ

Duration : May 2024 - Present

Role : Technical Data Analyst

### HCL Tech

MDR Multi Variant

Client : JNJ

Duration : Sep 2022 - May 2024

Role : Technical Data Analyst

## PORTFOLIO

Explore my work : [saranpandiyan963.github.io/Saranwebsite/](https://saranpandiyan963.github.io/Saranwebsite/)

- **IPL Data Analysis:** Conducted comprehensive data analysis of IPL matches/players using Python and Plotly. [Link](#)
- **Job Market Analysis:** Examined skill trends and demand for various data and development roles using Matplotlib and Seaborn. [Link](#)

## WORK EXPERIENCE

### HCL Tech

2022-PRESENT

#### Role : Technical Data Analyst

- Expertise in SAP and Windchill, creating variants for healthcare products and ensuring seamless integration with SAP RAD, JDE, and Taizen systems.
- Analyzed healthcare product data related to implants, ensuring compliance with regulatory standards and improving product quality monitoring.
- Extensive experience in PLM (Product Lifecycle Management) and SCM (Supply Chain Management) systems, enabling efficient lifecycle management and operational improvements.
- Streamlined data management workflows using Windchill APIs, providing real-time status updates on healthcare products.
- Demonstrated strong analytical skills by autonomously collecting, analyzing, and interpreting complex data sets to uncover trends, optimize workflows, and support strategic decision-making.
- Expert in Gap Analysis, ensuring seamless integration of new data into PLM databases in compliance with regulations, manufacturing requirements, and sales location specifications.
- Skilled in directly handling client queries and conducting meetings, ensuring effective communication, alignment with deliverables, and maintaining high client satisfaction.
- Automated T-Lane analysis by developing an advanced Excel tool capable of efficiently handling multi-lane data and distinguishing parameters for streamlined operations.

## ACHIEVEMENTS

### Excel VBA Automation for Data Collection:

- Recognized for developing Excel VBA automation for repetitive data collection processes, improving efficiency and accuracy.
- Rated 5-star by the client for outstanding performance and contributions.

### Power BI Dashboard Development:

- Recognized for designing and delivering multiple Power BI dashboards, providing stakeholders with comprehensive visual insights into projects and milestones.
- Enhanced data visibility, enabling proactive decision-making and improved project health.
- Successfully integrated realtime data feeds, improving accuracy and reducing manual efforts in tracking project status & performance.

### Client Recognition & Appreciation:

- Awarded a cash prize by the client for excellent performance throughout 2024, showcasing sustained contribution to project success and overall team productivity

- Expert in Excel, including advanced formulas, functions, macros, and VBA, with a proven track record of automating complex processes to improve efficiency and accuracy.
- Automated reporting and visualization processes, increasing reporting efficiency by 37% and providing stakeholders with real-time insights into operational performance.
- Designed and developed Power BI dashboards to track project health and streamline data visualization, providing stakeholders with comprehensive insights, real-time updates, and proactive issue resolution.
- Delivered a high-impact Power BI dashboard for client enhancing decision-making processes, improving efficiency, and earning client appreciation for exceeding expectations.
- Proficient in data collection, cleaning, and preprocessing techniques, ensuring accuracy and reliability of datasets for analysis.
- Proficient in SQL for efficient data extraction, analysis, and management, combined with a solid understanding of Python for advanced data manipulation, visualization, and automation.
- Project Management activities like handling Project Review Meetings and conducting mock Audits for maintaining project quality and risks
- Coordinated and led project review meetings to track progress, ensure alignment with project goals, and address any roadblocks or challenges.

### Neeyamo Enterprise Solutions PVT Ltd

2020-2022

#### Service Delivery Executive

- Worked in Global Background Screening in Neeyamo, a global Organizations that provide best in class HRO-Solutions
- Managed cross-functional teams, including associates, QA, and staff, to ensure smooth execution and timely delivery of assigned projects.
- Developed an Excel-based tracker to monitor and manage errors, enabling efficient tracking, analysis, and resolution to reduce recurring issues.
- Ensure adherence to promised SLAs by effectively planning daily deliveries, considering workload variations and staff availability to maintain optimal efficiency and client satisfaction.

## EDUCATION

### SSM Institute of Engineering and Technology, Dindigul, Tamil Nadu

- Bachelor of Engineering - Automobile - CGPA : 6.67

Implemented Lean Manufacturing principles to optimize production processes, minimize waste, and improve overall efficiency in the TAFE production line.

## LANGUAGES

- English: Fluent
- Tamil: Fluent
- Telugu: Basics