

NISHANT SUNIL PARDESHI

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PROFILE SUMMARY

Python & SQL Developer with 3 years of experience building scalable data pipelines, automating data workflows, and managing relational databases. Proficient in Python (Pandas, NumPy, PySpark), SQL query optimization, ETL development, and API-based data integration. Skilled in handling large datasets, troubleshooting data issues, and delivering clean, reliable, well-structured datasets for analytics and engineering use. Strong foundation in data structures, algorithms, and object-oriented programming.

TECHNICAL SKILLS

Languages: Python, SQL

Libraries: Pandas, NumPy, PySpark, Scikit-learn

Databases: MySQL, Microsoft SQL Server, Azure SQL Database

Big Data: Apache Spark, Hadoop, Delta Lake

ETL Tools: Azure Data Factory, custom Python ETL scripting

Data Tools: Power BI, Tableau, Excel

Concepts: OOP, Data Structures & Algorithms, Data Modelling

Cloud: Microsoft Azure

Version Control: Git, GitHub

APIs: REST API data extraction & integration

Certifications:

- IBM Python for Data Science
- Infosys Certified Python & MySQL Associate
- SQL for Data Analysis (Udacity)
- Azure Fundamentals (AZ-900), Azure Data Fundamentals (DP-900)

PROFESSIONAL EXPERIENCE

Data Associate | Infosys Pvt Ltd

Dec 2021 – Aug 2024

- Developed and optimized **Python scripts for automation, data processing, API extraction, and daily ETL workflows**, improving pipeline efficiency and reducing manual effort.
- Designed and maintained **efficient SQL queries, stored procedures, indexing strategies, and performance-tuned views**, improving query speed by **25%**.
- Built and supported **ETL/ELT pipelines** using Python and Azure Data Factory to integrate data from APIs, Excel, CSV, and relational databases.
- Managed and optimized **large SQL Server databases**, ensuring 99.9% uptime, data accuracy, and reliable performance across production environments.
- Performed complex data cleansing, transformation, and validation to ensure high-quality input for analytics and reporting systems.
- Collaborated with cross-functional teams to gather requirements and deliver scalable, production-ready data solutions.
- Implemented strong **data backup, disaster recovery**, and security protocols, ensuring zero data loss incidents.
- Built end-to-end dashboards (Power BI, Tableau) using processed datasets to support business, sales, and operational decision-making.

PROJECTS

Predictive Customer Churn Analysis | Python, Pandas, NumPy, Scikit-learn

Sept 2025

- Built a complete Python-based analytics pipeline including data ingestion, cleansing, feature engineering, model development, and visualization.
- Applied EDA to identify churn drivers; implemented preprocessing (encoding, scaling) for ML readiness.
- Trained multiple ML models and selected the best performer (**Logistic Regression, 85% accuracy**).

- Created visual dashboards for insights using Matplotlib & Seaborn.

Solvara Automotive Simulation | University of Liverpool

Jul – Sept 2025

- Analysed large production & financial datasets using Python and Excel, improving manufacturing efficiency by **20%**.
- Developed Power BI dashboards to visualize performance KPIs and strategic outcomes.
- Provided data-driven recommendations for business and technical decision-making.

EDUCATION

University of Liverpool — MSc Business Analytics & Big Data

Sept 2024 – Dec 2025

Savitribai Phule Pune University — BCA (Software Development)

Jun 2018 – Jun 2021