Shyam Sundar Nishad

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Data Analyst skilled in Python (Pandas, NumPy), SQL, and Power BI with hands-on experience in automating data workflows, cleaning large datasets, and building analytical dashboards. Passionate about transforming messy data into structured insights that power data-driven decisions. Experienced in writing efficient Python scripts for EDA, reporting, and performance optimization.

Key Skills

Programming & Tools: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL (MySQL, PostgreSQL basics), Git
Data Analysis & Automation: Data Wrangling, Data Cleaning, Workflow Automation, Data Modeling, Feature Extraction, KPI Dashboards
Visualization: Power BI, Excel (Advanced), Power Query
Additional: Understanding of APIs, ETL Concepts, Business Reporting

Professional Experience

Data Analyst Intern (Internship)
- • Wrote Python scripts using Pandas to clean and merge large transactional datasets for analysis and reporting.
- Automated weekly report generation and KPI updates using Power Query and Python, improving workflow efficiency by 40%.
- Created interactive Power BI dashboards visualizing key financial and operational metrics for decision-making.
- Developed SQL queries for data validation, trend analysis, and extraction from multiple sources (MySQL/PostgreSQL).
- Partnered with analytics mentors to design data models and reporting structures that improved data accessibility.

Projects

Data Analytics Project – [QUANTIUM], Remote April-2025
- • Designed Python workflows for cleaning and aggregating large retail datasets.
- Created structured data tables for BI dashboards to analyze customer segmentation and sales uplift.
- Automated periodic report generation with Python and Power BI integration

SQL Project – [Besant Technology], March 2025
- • Queried large datasets using SQL (JOIN, GROUP BY, CTE, window functions).
- Built KPI dashboards in Power BI for performance monitoring and revenue trend insights.
- Used Python to validate and clean extracted SQL data for consistency.

Power BI Sales Dashboard
- Performed Power Query to transform raw data, performed data modeling, established table relationships, created DAX measures for KPIs like revenue and profit, and designed an interactive dashboard in Power BI

Sales Analysis with SQL & Power BI
- Queried sales and order data using SQL (JOIN, GROUP BY, CTE, window functions) for business insights. • Visualized performance metrics and customer trends using Power BI dashboards with filters and KPIs.

Data Cleaning with Python (Independent Project)
- Built Python scripts (Pandas) to automate data cleaning tasks across multiple CSV files.
- Structured the outputs into ready-to-analyze datasets for further visualization

Certifications

- Data analyst certificate [Besant Technology].
- Power BI [Simplilearn].
- Internships: YBI Foundation (Data Analytics), QUANTIUM (Virtual), BCG X (Virtual)

Education

Bangalore City University	**Bangalore**
Bachelor of Commerce - Specialization in Data Analytics	Sep 2022 - Jun 2025