Harshwardhan Murkute

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Summary

Results-oriented Data Analyst with 3+ years of experience in Python (Pandas), SQL, and data analytics across large datasets. Skilled in developing automated data pipelines, performing in-depth analysis, and building interactive dashboards to track KPIs and performance trends. Proficient in ETL processes, data validation, and cloud-based data operations (AWS). Adept at translating business requirements into actionable insights that drive data-informed decisions.

Technical Skills

- Programming & Analysis: Python (Pandas, NumPy, Matplotlib), SQL (Advanced Queries, Joins, CTEs)
- Data Visualization: Power BI, Tableau, Excel Dashboards
- ETL & Cloud: SSIS, AWS (S3, RDS), Data Migration, Transformation Pipelines
- Data Handling: Data Cleaning, Validation, Profiling, Quality Checks, Automation
- Other Skills: Statistical Analysis, Data Storytelling, Reporting Automation

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Professional Experience

Data Analyst | Allyis India Pvt Ltd | Jun 2025 – Oct 2025

- Utilized Python (Pandas) for data cleaning, transformation, and automation of recurring reporting workflows.
- Designed and optimized complex SQL queries for multi-source data extraction and aggregation.
- Built and maintained Power BI dashboards visualizing performance KPIs and trends.
- Collaborated with cross-functional teams to ensure high-quality, validated data pipelines.
- Implemented cloud-based ETL workflows on AWS, improving report delivery time by 35%.

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Software Engineer (Data & BI) | Vestige Marketing | May 2023 – Jun 2025

- Designed and optimized SQL-driven data models and stored procedures for analytics reporting.
- Automated extraction, transformation, and reporting tasks using Python scripting and SQL workflows.
- Conducted data validation and anomaly detection, improving data reliability across systems.
- Created Excel and Power BI dashboards tracking product sales, customer engagement, and performance metrics.

Data Analyst | AI Variant | Jan 2022 – May 2023

- Analyzed large datasets using Python (Pandas) and SQL to identify data quality issues and performance gaps.
- Supported the development of AI-assisted data validation and anomaly detection models to improve ETL efficiency.
- Automated data transformation and reporting workflows, reducing manual effort by 20%.
- Built Power BI dashboards for visualizing key metrics and predictive insights.
- Collaborated with the analytics team to implement machine learning-based automation for business reporting.

Project: - ETL & Predictive Analytics Pipeline | Python, SSIS, Power BI

- Designed a parameterized ETL workflow for cleansing, transforming, and loading multi-source legacy data.
- Developed SQL-based profiling scripts to detect anomalies and generate DQR and DUR reports.
- Automated import/export routines and data validation checks post-load using Python.
- Improved data migration accuracy by 35% through reusable transformation scripts and validation logic.

Certification :- Microsoft Certified: Data Analyst Associate (Power BI)

- Python for Data Analysis – Coursera
- Advanced SQL for Data Professionals – Udemy

Education: -

Bachelor of Computer Applications (BCA) – Sant Gadge Baba Amravati University | 2017–2020
Masters of Computer Applications (MCA) – Sant Gadge Baba Amravati University | 2021–2023