Aniket Gaurav

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Summary

Business Analyst with 2+ years of experience delivering data-driven insights using **SQL, Power BI** and **Python**. Skilled in **data analytics, reporting & visualization** to support strategic decision-making. Proven track record in **automating reports, building dashboards**, and cleaning large datasets. Strong understanding of data tools, cloud technologies, and stakeholder collaboration.

Technologies

Data Engineering Tools: SQL, Python (Pandas, NumPy), Apache Airflow, Docker

Databases: MySQL, PostgreSQL, Microsoft SQL Server

Cloud Platforms: AWS (S3, EC2, Lambda), Salesforce Platform, Google Compute, Terraform, Google Cloud APIs, Shell and Python scripting

Data Visualization: Power BI, Jupyter Notebook

Development & Version Control: Git, VS Code

Operating Systems: Linux (Ubuntu), Windows

Experience

Automation Data Migration Engineer, Ericsson Global India – Bangalore, IN   Sep 2023 – Present

- Designed and executed complex SQL queries to extract project metrics across multiple telecom databases and utilized advanced Excel tools (PivotTables, VLOOKUP) to streamline reporting, reducing manual effort by 40% and accelerating data-driven decision-making.
- Developed interactive Power BI dashboards and led monthly review sessions with senior stakeholders, enhancing communication and enabling faster, data-driven decisions on network performance.
- Utilized Python (Pandas) for data cleaning and preparation, streamlining inconsistent datasets from multiple sources—improving reporting accuracy and saving over 6 hours of manual effort weekly.
- Applied Agile methodologies to improve team prioritization and adaptability, resolving execution bottlenecks and boosting delivery rate by 30% through structured problem-solving.
- Automated weekly system alert reports using SQL and Excel, enhancing stakeholder visibility and contributing to a 15% reduction in system downtime.
- Created standardized process documentation and led stakeholder walkthroughs, improving cross-team collaboration and cutting clarification time by nearly 50%.

Web Developer Intern, The Spark Foundation – Bangalore, IN   Mar 2022 – Apr 2022

- Designed and implemented data collection and storage systems to facilitate efficient fundraising activities.
- Designed a database schema and RESTful APIs for an event registration system to enhance user experience and operational efficiency.
- Designed SQL database architecture and facilitated cross-functional communication between developers, enabling on-time delivery of a dynamic web app praised for seamless user experience and data flow.

Key Projects

Document Processing Pipeline using Apache Airflow   Apr 2025

- Engineered an **end-to-end document processing pipeline** using Apache Airflow for automated ingestion, classification, and compliance verification of regulatory documents.
- Developed a classification engine for labeling documents into **Financial, Legal, Health, or Personal ID** categories and validating regional compliance.
- Deployed the pipeline using **Docker-based orchestration** with `docker-compose`, enabling modular and portable execution of Airflow services.
- Tools Used: **Python, Apache Airflow, Docker, Shell Scripting, JSON**

Machine Learning for Parkinson's Disease Analysis <div style="float:right">Aug 2022 – May 2023</div>

- Built a machine learning model in Python using scikit-learn to detect early signs of Parkinson's from voice data, achieving 85%+ accuracy and demonstrating potential for clinical diagnostic applications.
- Built predictive models using machine learning algorithms to identify early-stage Parkinson's disease symptoms.
- Tools Used: **Python, ML Models, Jupyter Notebook, Pandas, NumPy, Scikit-Learn**

Data Management System <div style="float:right">Sep 2021 – Jan 2022</div>

- Designed and implemented a **scalable relational database system** to manage large datasets efficiently.
- Developed **data indexing** and **search algorithms** to enhance query performance and retrieval speeds.
- Ensured data normalization and integrity constraints for a structured and optimized database.
- Tools Used: **MySQL, PostgreSQL, SQL Server**

Education

M.S. Engineering College, B.E. in Computer Science <div style="float:right">Jul 2019 – Jun 2023</div>

- **Relevant Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory, Data Structures & Algorithms.

Skills

- Data Analysis & Business Intelligence
- Data Pipeline Development & Automation
- SQL Query Optimization & Performance Tuning
- Dashboarding & Reporting (Power BI)
- Data Cleaning & Transformation (ETL)
- Problem Solving & Analytical Thinking
- Agile Methodologies & Cross-functional Collaboration

Certifications

Oracle Cloud Infrastructure 2025 Certified Data Science Professional	Sep 2025
Oracle Data Platform 2025 Certified Foundations Associate	Sep 2025
Introduction to Data Engineering on AWS: Data Sourcing and Storage	Aug 2025
Introduction to Artificial Intelligence (AI)	Mar 2024
AWS Cloud Technical Essentials	Dec 2024
Google Cloud Big Data and Machine Learning Fundamentals	Sep 2022
Architecting with Google Compute Engine	Jul 2022
Linux Fundamentals	May 2022