Pragati Divekar

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SUMMARY

Data Analytics Professional with 4+ years of experience designing and implementing data analytics solutions using Python, SQL, Tableau, and Power BI. Proficient at translating business requirements into scalable data pipelines, ad hoc reports, and dashboards that support operational efficiency and strategic decision-making. Proven expertise in data quality, data integrity, governance, ETL development, and stakeholder collaboration across cross-functional teams.

PROFESSIONAL EXPERIENCE

Fluent Inc.   Dec 2024 – Present
Analytics Engineer

- Engineered and implemented an automated ELT pipeline using Python, Docker, GCS, and BigQuery to migrate 40M+ records from on-prem systems, establishing a centralized data warehouse for organization-wide analytics and reporting.
- Automated data validation checks in Python to compare BigQuery tables against source data, ensuring >99% accuracy across 20+ datasets, reducing manual QA time by 80%.
- Architected analytical data models and ER diagrams in BigQuery using star schema principles, defining business entities and relationships to support optimized joins and standardized analytics across domains.
- Designed 10+ Tableau dashboards for Retail, Supply Chain, and Revenue stakeholders, delivering actionable insights that accelerated decision-making and contributed to a 15% improvement in inventory turnover and revenue optimization.

Motorola Solutions   Aug 2023 – Dec 2023
Business Intelligence Intern, Data Science & Analytics Team

- Collaborated with cross-functional teams to source and integrate structured and unstructured data from AWS Redshift and internal repositories, creating a unified data ecosystem for scalable insights and analysis.
- Presented findings and actionable recommendations to stakeholders through Tableau dashboards and visual storytelling on financial KPIs and performance insights, enabling the PMO team to improve resource allocation by 40%.

Larsen & Toubro Infotech   Aug 2018 – Jun 2022
Business Intelligence Analyst, Functional Team

- Engaged with business and technical stakeholders to define analytical goals, design KPIs, and implement Business Intelligence solutions that addressed performance gaps and enhanced visibility into operational metrics.
- Developed and orchestrated ETL pipelines using SQL Server Integration Services (SSIS) to consolidate data from APIs, Excel, and SQL databases, improving data accessibility and enabling single-source reporting.
- Optimized 100+ SQL queries across 50M+ records, reducing query response time from 6 minutes to under 1 minute.
- Created data transformation workflows in Alteryx, reducing manual efforts and freeing up 35% analyst bandwidth.
- Standardized data governance protocols to maintain data integrity, consistency, and compliance across reporting systems utilizing SQL, Python, and data visualization tools, resulting in a 20% reduction in data discrepancies.

Data Analyst, Operations Team

- Migrated 30+ static Excel reports into real-time interactive Tableau dashboards, cutting manual effort by 50% and empowering leadership with data-driven insights for performance tracking and strategic planning.
- Collected, cleansed, and transformed structured datasets from multiple sources (SQL, APIs, Excel) using Python Pandas to deliver analysis-ready data, reducing data inconsistencies by 20% and improving the quality of ad hoc reporting.
- Utilized Power Automate to create automation solutions for data refresh and report generation, reducing turnaround time by 50% and ensuring real-time data updates across multiple dashboards.

TECHNICAL SKILLS

Programming/ Tools: Python (Pandas, NumPy, Scikit-Learn), R, SQL, DAX, VBA   **Version Control:** Git
Databases & Cloud: PostgreSQL, MS SQL Server, AWS (Redshift, S3), BigQuery, Snowflake
BI & Visualization: Tableau, Power BI (DAX), Excel (Power Query, VBA)
Statistics: Hypothesis Testing, A/B Testing, T-test, Chi-square, Regression, Time Series, ANOVA, Classification
Big Data: Hive, Hadoop, Sqoop
Certifications: IBM Data Analyst, AWS Cloud Practitioner, Google Analytics Certified

EDUCATION

The University of Texas at Dallas, United States   Aug 2022 – May 2024
Master of Science, Information Technology and Management   GPA: 3.8/4
University of Mumbai, India   Jun 2014 – Jun 2018
Bachelor of Engineering, Electronics Engineering   GPA: 3.7/4