Manoj Pol

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Senior Analyst with over 3 years of expertise in SQL, Python, PySpark, and Power BI. Known for delivering impactful insights that improved data accuracy by 40% and cut report processing time by 35%. Skilled in harnessing cloud computing for scalable data solutions and driving data-driven decision-making across cross-functional teams. Committed to advancing continuous improvement and innovation in data management and analytics.

TECHNICAL SKILLS

- **Python** – Basic Python, Pandas, NumPy, Jupiter Notebook
- **Advanced Excel** – Excel formulae and functions, Pivot Tables, Charts, Dashboard, Power Query, Power Pivot
- **MySQL** – SQL Queries, Advanced Functions, Joins, Views, Stored Procedures, Window Function, CTE, Indexes, Query Optimization
- **Power BI** – Extract, Transform & Load [ETL], DAX, Visualization, Scheduled Refresh, Reporting, Dashboards, Data Modeling. Cleaning, Transformation
- **PySpark** – Data Sources, Spark Context, RDDs, Spark Session, Data Frame, Spark SQL

WORK EXPERIENCE

Persistent Systems, Pune, Maharashtra, India

- **Senior Data Analyst / Engineer**   07/2024 – Present
  - Analyzed complex client requirements to deliver precise reports with an 86% accuracy rate, driving improved decision-making.
  - Leveraged big data solutions like PySpark to process and optimize datasets, enhancing processing speed by 60%,
  - Investigated and resolved critical data flow issues in ETL processes, ensuring 100% data integrity for large-scale systems.
  - Automated data pipelines across 10+ diverse sources (SQL, cloud, on-premise), ensuring seamless integration, 100% uptime, and real-time availability of business-critical datasets for advanced analytics.
  - Executed thorough validation checks on ETL summary reports, ensuring conformance of 5+ million records daily, enabling data accuracy for strategic decisions.

- **Data Analyst**   07/2022 – 07/2024
  - Transformed raw data into actionable insights using SQL, Excel, and Power BI, resulting in a 40% improvement in data quality and consistency.
  - Adopted cloud-oriented approaches for scalable data storage and retrieval, reducing batch processing speed by 35%.
  - Led cross-functional collaboration with a 9-member team, streamlining workflows and reducing project turnaround time by 30%, resulting in a 12% increase in customer satisfaction.
  - Engineered an automated reporting process, leading to a 40% reduction in report revision time.
  - Standardized and documented data processes, reducing project initiation time by 15%, ensuring clarity and reproducibility for future data initiatives.

- **Data Analyst Intern**   02/2022 – 07/2022
  - Developed 2 Power BI reports focused on Project Finance and Healthcare, providing actionable insights for stakeholders.
  - Extracted data from 12+ sources, including Power BI Datasets, SQL, CSV, Excel, on-premises data sources, and AWS Cloud, ensuring comprehensive data analysis.
  - Automated data processing workflows, reducing manual intervention, and minimizing errors to improve efficiency.

PERSONAL PROJECTS

- **Bank Loan Analysis [Excel, SQL, Power BI, PySpark]** GitHub
  - Imported and managed 10M+ records, creating databases and 5 tables in MS SQL Server; executed SQL queries to analyze loan performance.
  - Ensured data accuracy and consistency by cross-verifying results across Power BI, SQL, and Excel.
  - Designed interactive dashboards to track loan metrics, trends, regional analysis, and borrower profiles, enhancing data-driven decision-making.

- **Sales Analysis [PySpark, SQL, Power BI]** GitHub
  - Processed 20K+ records using PySpark and Spark SQL, creating an intuitive Power BI interface for comprehensive sales analysis.
  - Optimized data relationships between sales tables, enhancing DAX performance and visualization.
  - Structured data visualization strategies in Power BI, improving operational insights by 15%.

EDUCATION

- **Bachelor of Engineering [B.E.] [Computer Engineering]**   07/2018 – 06/2022
  - Pune University [CGPA – 8.97]