RAVINDRA SONAWANE Data Analyst | Power BI Developer | SQL Developer

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PROFESSIONAL SUMMARY

- Data Analyst with 4+ years of experience in Business Intelligence (BI), Power BI, Tableau, SQL, & Python, specializing in ETL pipelines, data modeling, and Proven expertise in dashboards, KPI metrics, LOD expressions, and advanced DAX to enable data-driven decision-making.Skilled in SQL query optimization, stored procedures, data warehousing, and performance tuning. Experienced in A/B testing, regression, and predictive analytics across sales, marketing, and finance. Proficient in Power Query, RLS, Tableau Prep, and Tableau Server, with a track record of delivering scalable BI solutions and actionable insights.

TECHNICAL SKILLS

- **BI Tools**: Power BI (DAX, Power Query, RLS, Dataflows, Power BI Service, Deployment Pipelines, Gateway), Tableau (LOD Expressions, Calculated Fields, Tableau Prep, Tableau Server, Tableau Online, Extracts), Excel, Google Sheets.
- **Databases**: R, SQL, MySQL (Stored Procedures, Views, Joins, Window Functions, Indexing), PostgreSQL, SQL Server, Snowflake, Redshift, NoSQL (MongoDB).
- **Libraries**: Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, PySpark, Dask.
- **Data Analytics**: Regression, Forecasting, A/B Testing, Hypothesis Testing, Predictive Analytics, Customer Segmentation, KPI Development.
- **Other**: ETL Pipelines, SSIS, SSRS, OLAP, Data Warehouse, Data Modeling, Machine Learning, Stakeholder Reporting, Storytelling, Requirements Gathering.

KEY ACHIEVEMENTS

- Built and deployed Power BI dashboards (DAX, Power Query, RLS) that improved executive reporting speed by 40% and enabled real-time decision-making.
- Optimized SQL queries, stored procedures, and ETL pipelines, cutting processing time by 30+ hrs/month and boosting pipeline efficiency by 25%.
- Drove BI adoption, standardized KPI reporting, improved cross-team productivity, and mentored junior analysts.

PROFESSIONAL EXPERIENCE

Quick Heal Technologies Pvt. Ltd. – Pune
Software Engineer | Data & Analytics | Jul 2021 – Present

- Designed and deployed interactive dashboards in Power BI, Tableau, and Excel using DAX, Power Query, RLS, and LOD expressions, improving executive decision-making speed by **40%**
- Automated Manual reporting workflows with Python, PHP, SQL, and Power BI reducing manual analysis effort and financial modeling time by 30+ hours/months.
- Developed ETL pipelines and SQL queries (stored procedures, views, joins, window functions, indexing) to extract and transform data from MySQL and MongoDB improving query performance by **25%**.
- Created 10+ reusable Python, PHP and SQL scripts for data cleansing, standardization, and automation, enhancing pipeline efficiency by 20% and reducing data errors across BI reports.
- Conducted A/B testing, hypothesis testing, regression analysis, and time-series forecasting models using Python (Numpy, Pandas, Scikit-learn) and SQL to evaluate sales performance, customer behavior, and revenue drivers, increasing forecasting accuracy by **15%**.
- Partnered with cross-functional stakeholders in sales, finance, and operations to define KPI metrics, delivering executive dashboards and ad-hoc BI reports and business optimization that supported strategic planning.
- Explored and applied machine learning techniques (classification, clustering, recommendation systems, anomaly detection) to support predictive analytics and

PROJECTS

Power BI Projects
https://bit.ly/3DQYygx

- **Blinkit Sales Performance Analysis** – Designed and automated a Power BI dashboard with DAX, Power Query, RLS and Dataflows to analyze Blinkit sales, profit, and revenue across cities/zones. Conducted data cleaning, EDA, and KPI tracking, providing actionable insights that optimized sales strategy and revenue growth.
- **AIRBNB Property Insights & Market Trends** – Built Data models & DAX based aggregations and data models to evaluate the booking patterns, seasonal demand, and revenue across regions. Delivered predictive analytics, forecasting models and and stakeholder reports to support strategic expansion planning.
- **OLA Ride Analytics & Revenue Insights** - Developed a Power BI solution with RLS,calculated and Paginated Reports fields to track revenue, cancellations, vehicle performance, and customer ratings. Improved driver allocation and pricing, reducing cancellations by 20%.

TABLEAU Projects
https://bit.ly/3XB0mAR

- **IPL Performance Analysis Dashboard** – Created an interactive Tableau dashboard with LOD Expressions, Calculated Fields, and Tableau Prep, analyzing team wins, top run-scorers, wickets, and toss impact. Produced actionable insights comparable to professional cricket analyst reports.
- **Loan Application Analysis Dashboard** – Built Tableau dashboards on applicant demographics (education, employment, geography) with Tableau Server deployment and KPI metrics. Identified approval patterns and customer risk profiles, improving loan evaluation accuracy by 15%.
- **Walmart Sales & Profit Analysis Dashboard** – Designed Tableau dashboards with ETL pipelines and Tableau Online to track sales, profit, and quantity by category and region. Provided insights for inventory optimization and revenue forecasting, reducing overstock by 15%.

SQL Projects
https://bit.ly/3DQYygx

- **ICICI Bank Data Analysis using SQL** – Queried and optimized SQL data of transactions, demographics, and loans using stored procedures, indexing, and query optimization. Delivered insights into segmentation, approvals, and account activity, reducing processing time by 20% and enabling faster stakeholder reporting.
- **DataMart Sales & Inventory Analysis using SQL** – Built SQL pipelines with joins, window functions, and aggregations to analyze sales and stock data. Developed KPI dashboards for demand forecasting, stock optimization, and revenue trends, improving inventory efficiency by 18% and saving 15 hours/month in reporting time.

CERTIFICATIONS

- Google Data Analytics Professional Certificate - Coursera | 2023
- Tableau for Data Analysis - CloudyML | 2022
- Python for Data Analysis with NumPy & Pandas – Udemy | 2021
- Learn Machine Learning in 21 Days - Udemy | 2025

EDUCATION

- Bachelor of Engineering (B.E.) in Computer Engineering

  Savitribai Phule Pune University | Pune, India | 2018 - 2021 | CGPA: 8.6/10

- Diploma in Information Technology

  MSBTE University | Maharashtra, India | 2015 - 2018 | Percentage: 84%