

# Rahul Giradkar

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## Summary

A detail-oriented Data Analyst with advanced expertise in data analytics, visualization, and database management. Proficient in Python and SQL, with hands-on experience in building automated dashboards, optimizing database performance, and deriving actionable insights from complex datasets. Skilled in business analysis, capacity planning, and operations planning, with a proven ability to align data solutions with business objectives to drive strategic growth. A self-starter with excellent written, verbal, and communication skills, adept at collaborating cross-functionally in fast-growing environments.

## Skills

- **Programming Languages:** Python (Pandas, NumPy, Seaborn, Matplotlib), SQL (MySQL)
- **Data Visualization:** Power BI (Advanced Visualization, DAX, Power Query Editor, Data Modeling), Tableau, Advanced Excel, PowerPoint
- **Data Analysis:** Data Modeling, ETL, Data Cleaning, Data Preprocessing, EDA, Statistical Analysis(A/B Testing, Hypothesis Testing)
- **Business Analysis:** KPI Development, Process Improvement, Capacity & Operations Planning, Pricing Strategies
- **Cloud & Big Data:** AWS (S3 Bucket)
- **Additional Skills:** Git, Basic Machine Learning (Scikit-learn), Data Storytelling, Web Scraping, Data Warehousing, Agile Methodologies
- **Soft Skills:** Attention to Detail, Organizational Skills, Multitasking, Results Oriented, Cross Functional Collaboration

## Experience

**Data Analyst: Bornemindz Software Solutions Pvt. Ltd**

**Hyderabad, India | July 2023 – Present**

### Bizz Consultant

- Enhanced data accuracy and streamlined efficiency by cleaning and preprocessing datasets using Python thus increasing overall data integrity by 15%.
- Optimized MySQL database performance, reducing query execution time by 25% and accelerating decision-making by 20%.
- Utilized Python, MySQL, and Excel for complex data analysis, providing actionable insights that drove business growth.
- Engineered dynamic dashboards in Power BI, reducing operational costs and improving
- Decision making efficiency across 10+ departments.
- Conducted data wrangling tasks and implemented imputation techniques to handle 15% missing data, ensuring data accuracy for subsequent analysis.

- Structured and transformed huge records, facilitating the integration of three databases and streamlining cross-functional data access.
- Analyzed business operations with over 50 SQL queries, covering customer demographics, sales performance, and market trends, resulting in increased actionable insights for strategic decision making.
- Generated over 30 visualizations and reports using Power BI and Excel, utilized by multiple departments to enhance performance monitoring and growth strategies.
- Created and maintained management reports, including end-of-month, quarterly, and annual reports, demonstrating strong written communication and data reporting skills.
- Assisted with the release of information relating to systems upgrades and changes to processes; provided system training to users, showcasing verbal communication abilities.
- Automated and scheduled report generation, ensuring timely and accurate data delivery while exemplifying self-starter and results-oriented approaches.
- Managed networks, maintained websites, and provided troubleshooting support, demonstrating versatility and attention to detail.
- Maintained a Business Analytics program for internal users, streamlining report requests and support, and implementing best practices for data management.
- Conducted regular data backups and handled miscellaneous duties/projects as assigned, showcasing organizational skills and multitasking abilities.

**Data Analyst: Suzlon Global Service Pvt Ltd Desalpar, India | July 2021 – June 2023**

#### Credit EDA Case Study using Python

**July 2021 – March 2022**

- Conducted exploratory data analysis (EDA) to identify patterns related to loan default risk.
- Inspected and preprocessed two datasets by handling missing values using various imputation techniques (mean, median, mode) and dropping columns with high null percentages.
- Segmented data based on the "TARGET" variable to differentiate between defaulters and non-defaulters.
- Performed univariate and bivariate analysis to explore relationships between variables such as age, income, loan amount, and family status with default risk.
- Key insights included higher default rates among younger applicants and clients with lower income or car ownership.
- Provided actionable recommendations for loan approval strategies based on insights like targeting customers with stable income types and improving approval criteria for car owners.
- Performed EDA and created impactful visualizations, improving risk assessment accuracy by 25% and showcasing attention to detail in financial analysis

#### Strategic Marketing for Personal Loans using Python and SQL

**March 2022 – July 2023**

- Analyzed customer data from a bank to develop targeted marketing strategies for personal loan conversions.
- Cleaned and preprocessed data by removing duplicates, handling null values, and dropping non-essential columns to ensure data accuracy.
- Performed segmentation of customers based on income, education, and financial behavior to identify high-potential loan applicants.
- Developed SQL queries to extract key insights such as average income, customer demographics, and high-income earners.
- Created data visualizations to highlight trends and customer profiles, supporting personalized marketing campaigns.
- Recommended data-driven strategies for optimizing loan approvals and improving customer retention through segmentation analysis.

## Projects

- House Property Sales Analysis (MySQL):  
Analyzed sales data to identify key market trends and patterns, optimizing MySQL queries for better data retrieval and pricing insights.
- Sales Analysis (Python):  
Utilized Python for data cleaning, preprocessing, and analysis, generating actionable insights to improve sales strategies and drive growth.
- Amazon Web Scraping on Holi Products:  
Scraped data from Amazon and created interactive dashboards in Power BI for data visualization, demonstrating programming skills and market analysis capabilities.
- Real Estate Visualization (Power BI):  
Developed comprehensive dashboards to visualize real estate market data, enabling data-driven decision-making for stakeholders.
- Data Analytics and Commercial Insights Simulation:  
Analyzed customer data to identify benchmarks, creating strategic reports to aid business decision  
Developed data-driven SEO initiatives, **increasing website traffic by 25%** making and performance improvement.
- PwC Switzerland Power BI Job Simulation:  
Developed dashboards to meet client data visualization needs, effectively conveying KPIs and demonstrating cross-functional collaboration skills.

## Certification:

- MySQL Advanced: HackerRank, March 2024
- Business Analytics with Excel Beginner Course: Simplilearn, March 2024
- Advanced Google Analytics: Google, June 2024
- Data Analyst Job Simulation Certification: Forage, April 2024
- PwC Switzerland Power BI Job Simulation Certificate: Forage, April 2024
- Agile Scrum Master (ASM) Course: Simplilearn, April 2024

## Education

- Bachelor of Engineering, RTMNU University — CGPA: 7.23, Graduated: 2018

## Awards & Achievements

- Secured 3rd Position in Symposium'17 for paper presentation on Fabrication of Tamarind Processing Machine, SVPCET.
- Presented paper on Fabrication of Tamarind Processing Machine at Addhyan, Priyadarshini Bhagwati College of Engineering, Nagpur.