

Prajakta Malpure

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PROFESSIONAL SUMMARY

Data science trainee with hands-on experience in SQL, Excel, and Power BI through structured coursework and real-world projects at Newton School. Skilled in data cleaning, analysis, visualization, and dashboard development to extract actionable insights from business datasets. Actively building a strong foundation in analytics and business intelligence.

EDUCATION

Master of Science (Biology) Central University of Karnataka	2022 - 2024 Grade: 8.9/10.0
Bachelor of Science (Microbiology) MES Abasaheb Garware college	2019 - 2022 Grade: 8.9/10.0
Intermediate (Class XII) Sancheti college	2017 - 2018 Grade: 78.46%
Matriculation (Class X) Maharashtra Vidhyalaya	2015 - 2016 Grade: 92.4%

EXPERIENCE

Lab technician Armed forces Medical college	September 2024 - Present <i>Pune</i>
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- Managed laboratory data including sample tracking, documentation, and record maintenance.
- Performed data entry, validation, and basic analysis using Excel for research datasets.
- Maintained structured datasets for molecular experiments and ensured data accuracy.
- Supported researchers by organizing and interpreting experimental data for reporting.

PROJECTS

Bank churn data analysis	November 2025
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- Developed an interactive Power BI dashboard to analyze customer churn patterns for a banking dataset.
- Performed data cleaning, transformation, and modeling using Power Query and DAX.
- Analyzed churn across key dimensions such as age group, geography, gender, account balance, tenure, and credit score. Created KPIs including Churn Rate, Active vs Churned Customers, Average Balance, and Customer Segmentation.
- Implemented slicers, drill-downs, and filters to enable dynamic exploration of churn drivers.
- Identified high-risk customer segments and provided insights to support customer retention strategies.

SQL: Social Media Project - SQL Projects (Github)	October 2025
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- Performed comprehensive social media data analysis using **MySQL** on the *ig_clonedata* dataset.
- Analyzed user engagement, follower growth, and content performance using advanced SQL queries.
- Utilized **joins, subqueries, CTEs, and window functions** to generate actionable insights.

Spreadsheet: Zomato Restaurants Expansion - Spreadsheet Project (Github)	July 2025
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- An interactive Excel dashboard was created to analyze voting trends, customer reviews, and restaurant ratings.
- To process raw datasets, advanced formulas, pivot tables, lookup functions, and data cleaning were used.
- Produced visual aids (charts, trend analysis, KPIs) to provide information on regional performance, customer satisfaction, and areas for improvement.
- Enhanced decision-making through the identification of areas for customer engagement and service improvement.

CERTIFICATIONS

Professional Certificate in Data Analytics – Newton School (Ongoing) Newton school	June 2025
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- Currently pursuing a comprehensive Data Analytics program covering **SQL, Excel, Power BI, and Python**.
- Gaining hands-on experience through real-world datasets, projects, and problem-solving focused on business and analytical use cases.

Scientific Writing in health Reasearch ICMR-NIE (Link)	October 2024
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- Trained in scientific manuscript writing, research documentation, and reporting in health research.

SKILLS

Soft Skill: Presentation Skills, Research, Responsibility
Databases & Data Tools: Excel, MySQL, Power BI
Frameworks & Libraries: Microsoft Office

EXTRA-CURRICULAR ACTIVITIES

Traveler and also a part time trek lead.
Secured First Rank in University Level Elocution Competition – India's Path of Development