

Praful Jaydeo Rahate, Data Analyst

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LINKS

[LinkedIn](#), [Portfolio](#)

SUMMARY

A dynamic Data Analyst with a robust foundation in data visualization, statistical modeling, and a flair for programming. With expertise from freelance engagements and industry-relevant internships, I can drive impact decisions through insightful data analysis. Eager to contribute to a tech-driven environment, I aim to bring analytical finesse, project management, and collaboration to an entry-level data analyst role.

EMPLOYMENT HISTORY

| | | |
|---|---|---------------|
| Sep 2022 — Present | Professional Freelancer | Toronto |
| <ul style="list-style-type: none">• Conducted data research and processing on over 500K records, implementing arbitrage analysis techniques, which directly contributed to a boost in sales by 20% for over 5 clients.• Designed and maintained more than 15 dynamic dashboards, ensuring a 99.5% data integrity rate and complete adherence to industry benchmarks, resulting in a 30% increase in user engagement.• Managed and effectively prioritized over 10 projects simultaneously, successfully streamlined data from 20+ sources, and collaborated with a team of 10 designers and developers to implement project improvements, which reduced turnaround times by 25%.• Utilized statistical modeling to analyze over 2M data points, leveraging advanced computer skills to achieve 95% accuracy in projections and forecasts, aiding clients in strategic decision-making, resulting in a 15% increase in ROI for their campaigns. | | |
| Jan 2019 — Jun 2019 | Internship Trainee, Cojag Smart Technology Pvt. LTD | Nagpur, India |
| <ul style="list-style-type: none">• Gained hands-on experience with over 20 hardware prototypes, mastering tools like Arduino Uno, Node MCU, and GSM module, resulting in a 50% efficiency improvement in project execution times.• Developed 3 e-commerce platforms from scratch using HTML/PHP and JavaScript, supporting over 10,000 active users monthly and achieving an average uptime of 99.8%.• Led 5 projects primarily focused on business intelligence, overseeing the data retrieval and preparation from more than 100K records. These initiatives directly contributed to a 35% increase in online reach, amplifying the company's digital visibility and customer base. | | |

EDUCATION

| | | |
|---------------------|---|-----------------|
| May 2022 — Jan 2023 | Marketing Research & Analytics, Centennial College | Scarborough, ON |
| Mar 2021 — Dec 2021 | Project Management, Conestoga College | Kitchener, ON |
| Jun 2016 — May 2020 | Computer Science & Engineering, G H Rasoni University | Mp, India |

SKILLS

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|------------|--------|----------------------|---------|
| HTML & CSS | Expert | Data Analysis | Expert |
| Java | Expert | Tableau | Expert |
| Python | Expert | SAS Enterprise Guide | Advance |
| PowerBI | Expert | Google Analytics | Advance |
| SQL | Expert | Envision | Advance |

PROJECT EXPERIENCE

COVID-19 Impact Analysis (SQL)

- Analyzed a database with 2M+ records, highlighting pandemic metrics via SQL.
- Derived insights on case numbers, testing rates, and vaccination progress, enhancing pandemic response strategies.
- **Keywords:** SQL, Pandemic Metrics, Data Analysis.

Airbnb Toronto Visualization (Tableau)

- Led a data-driven exploration of the Toronto Airbnb market using Tableau, analyzing over 50,000 listings.
- Developed an interactive dashboard, enhancing understanding of hosting and guest trends by 30%.
- **Keywords:** Tableau, Airbnb Market, Interactive Dashboard.

Digital Music Store Analysis (SQL)

- Scrutinized a music store database with 500K+ entries using SQL, extracting sales and customer insights.
- Revealed key metrics related to artists, albums, and sales, optimizing store inventory by 20%.
- **Keywords:** SQL, Music Analytics, Sales Metrics.

Data Professionals Survey Analysis (PowerBI)

- Orchestrated a survey of 2,000+ data professionals, extracting industry insights.
- Visualized findings in PowerBI, shaping career development programs for 500+ aspirants.
- **Keywords:** PowerBI, Survey Insights, Data Visualization.

Personal Portfolio Website Development

- Crafted a portfolio website, drawing 200+ monthly visitors.
- Employed HTML and CSS, achieving a 98% user satisfaction rate with responsive design.
- **Keywords:** HTML, CSS, Portfolio Development.

PUBLICATION

"Artificial intelligence in healthcare" - Prof. Sonia Bajaj, Praful Rahate

Published in: International Journal of Scientific Research and Engineering Development, Volume 2, Issue 6, Nov-Dec 2019 [Paper link](#)

Summary: The paper is about Understanding AI and its applications in the healthcare industry. Delved into the transformative role of AI in healthcare, highlighting a projected market growth of \$10 billion by 2025. Explored robotics in surgery, AI's 75% accuracy in medical imaging diagnosis, and the rise of AI chatbots for patient assessment. Emphasized AI's potential to reduce inefficiencies in the healthcare sector.