

# PRAJWAL BANG

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## SUMMARY

Business Analytics graduate with hands-on experience with working on AI, Sports Analytics, higher education analytics, SaaS, building ETL pipelines, workflow automation & BI dashboards. Skilled in Python, R, SQL & statistical modeling to deliver insights & drive strategy.

## EDUCATION

**Northeastern University**, Boston, MA Sep 2024 – Dec 2025  
Master of Science in Business Analytics GPA: 3.8/4.0

**Study Abroad, University of Florida**, Gainesville, FL Jan 2024 – May 2024  
Computer Science International Exchange Student, Final Semester Engineering

**Manipal University Jaipur**, Jaipur, RJ, India Sep 2020 – Jun 2024  
Bachelor of Technology, Information Technology, Minor in Data Analytics GPA: 3.55/4.0

## PROFESSIONAL EXPERIENCE

**AI Analyst** Sep 2025 – Present

**Zero2One AI**, Remote, Netherlands

- Collaborating with a cross-functional team to benchmark AI agent performance against traditional data analysis tools like Python and R, Excel, and other publicly available LLMs on an e-commerce dataset (customers, purchases, marketing channels).
- Documenting findings and creating **data-driven narratives** that compare AI-driven and traditional workflows, highlighting strengths, weaknesses, & impact for framing analyses through **CEO-level questions** to test reliability and decision-making value.

**Data Analyst Intern** Jan 2025 – Aug 2025

**Franklin Pierce University**, Remote, NH

- Built and maintained a Master of Physician Assistant Studies (MPAS) market intelligence dataset spanning **50+ universities** applying ETL in Excel to deliver recurring reports on cohort, attrition, graduation, and tuition metrics for market research.
- Automated event request** processing from MS Forms using **Power Automate** to route requests across 5+ departments with automated email notifications replacing manual triage with rule-based routing per service selections, reducing processing time.
- Developed an interactive **Power BI dashboard** tracking in/out-state tuition, total credits, fill rates, ROI, and enrollment trends, empowering leadership with data-driven insights and **national benchmarking** to guide strategic decisions.
- Applied regression analysis to map student **ROI vs. credits/month** ( $r=+0.45$ ) and benchmark regional salaries.

**SDE Intern** May 2023 – July 2023

**Nirmitee.io [SaaS Startup]**, Pune, MH, India

- Migrated a fertilizer manufacturer's warehouse database from Tally to ERPNext, automating billing, invoicing, and stock tracking to **cut order delivery time by 30%**.
- Supported workflow testing, requirements gathering & client updates during ERP deployment, ensuring adoption and efficiency.

## PROJECTS

**Women's Tennis Association (WTA) Analytics Project** | Python, SQL, Power BI, Excel, Stats (Academic Project -In Progress)

- Collaborating with the **WTA** to develop innovative **player performance metrics** beyond traditional statistics, creating marketable categories like "power hitter" and "comeback player" for enhanced **fan engagement** and sponsorship opportunities.
- Analyzing **multi-year** season-by-season WTA **match data** to derive composite **statistical measures** that characterize distinctive playing styles and player strengths, developing formalized stat categories with clear formulas for consistent cross-season analysis.
- Designing **player comparison stats** and interactive visualizations to highlight unique strengths for both technical and non-technical audiences, creating dashboards & comprehensive reports that support **media storytelling & new revenue** earning opportunities.

**AI-Driven Supply Chain Analytics Project** | Python, PostgreSQL, n8n Workflow Automation (Personal Project)

- Built an automated end to end data pipeline that ingested Gmail CSVs into a PostgreSQL star schema, normalizing dates/currency and reconciling row counts for accuracy.
- Created **supply-chain KPIs (OTIF, On-Time %, Fill Rate)** and automated recurring monthly reports by city and customer to highlight business trends and support decision-making.
- Implemented workflow automation (n8n) and DimDate/exchange-rate tables to ensure data integrity, replication, and accuracy in reporting sensitive data. ([Github](#))

## TECHNICAL SKILLS

**Technical:** Python, R, SQL, PostgreSQL, Power BI, Tableau, Excel, Power Automate, n8n, Alteryx, Snowflake, Statistical Analysis, Lucid  
**Interests:** Passionate about Formula 1, Fitness, Sci & Tech, VFX filmmaking