PRAJWAL BANG

352-721-8143 | bang.p@northeastern.edu | linkedin-prajwal-bang | github-prajwal-bang | portfolio

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 Testing & Analytics Intern   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)

SKILLS & INTERESTS
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