

# ARYAN JAMWAL

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## SKILLS

Programming & Analytics	Python, SQL, Excel, Statistical Analysis, A/B Testing
Business Intelligence Tools	Power BI, Tableau, MS Excel, MySQL, DAX, KPI Dashboards
Data Engineering & Science	ETL, Data Warehousing, Pandas, NumPy, Matplotlib, OpenAI API, Prompt Engineering
Business Analysis	Stakeholder Management, Market Sizing, Cost Reduction, Data Storytelling
Technical Platforms	Jupyter, Figma, Star Schema, Business Case Analysis

## PROJECTS

- ProfitShield: AI Revenue Leak Detection System** | *SQL, Python, Power BI, OpenAI API* | [GitHub](#) Mar 2025
- Orchestrated AI-powered Power BI dashboard detecting 35% hidden revenue leakages across 12 regions, accelerating anomaly resolution by 2.2x through automated KPI monitoring and stakeholder insights
  - Streamlined end-to-end ETL data pipeline using Python and SQL, integrating OpenAI API for automated root-cause analysis and reducing manual business analysis time by 60%
  - Transformed sales data architecture into scalable star schema with advanced DAX metrics, enabling real-time cost reduction tracking and executive decision automation
- Blinkit Fast Commerce Business Analytics Dashboard** | *SQL, Power BI, MySQL* | [GitHub](#) Dec 2024
- Enhanced stakeholder decision-making by analyzing 1M+ transactions through Power BI dashboard, identifying customer retention patterns that boosted repeat purchase rates by 17.5%
  - Redesigned MySQL data warehouse architecture using ETL best practices, reducing query retrieval latency by 30% and improving business intelligence reporting efficiency by 46.58%
  - Conducted A/B testing and customer segmentation analysis through SQL and statistical modeling, increasing targeted marketing campaign ROI by 27%
- Olympics Performance Analytics & Predictive Modeling** | *Power BI, Excel, Python* | [GitHub](#) Sep 2024
- Automated Power BI reporting dashboard reducing manual data extraction workload by 14 hours weekly, delivering actionable business insights to cross-functional stakeholder teams
  - Developed predictive analytics models using Python and statistical analysis across 200+ countries' athlete data, improving injury forecasting accuracy by 18% for strategic planning
  - Designed interactive data storytelling prototype increasing stakeholder engagement by 35.2% through advanced visualization and KPI tracking capabilities

## EDUCATION

<b>Bachelor of Technology in Computer Science and Engineering</b> <i>Chandigarh University</i>	Expected Jul 2025 <i>India</i>
<b>Senior Secondary (12th Grade)</b> <i>Him Academy Public School</i>	Completed 2021

## CERTIFICATIONS

- Microsoft Power BI Data Analyst & Tableau Specialist - Coursera (2024)
- Generative AI for Business Analytics - Coursera (2024)
- Microsoft Azure Data Associate - Coursera (2023)

## LEADERSHIP

**Project Lead - AI Website Traffic Analytics System** — Managed cross-functional team of 5 members through complete SDLC, coordinating stakeholder requirements and technical implementation to deliver traffic analysis solution with 92% accuracy, demonstrating strong project management and business analysis capabilities while achieving top academic performance.