AKANKHYA SINGH

DATA ANALYST | BUSINESS INTELLIGENCE | AI SPECIALIST

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📄 Open for UAE Opportunities | Available Immediately   🔗 akankhyasingh.com

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ABOUT ME

Data Analyst with **3+ years** of experience delivering business impact through **Power BI, Python, and SQL**. Proven track record in identifying revenue risks **(AED 1.5M+)**, improving **data accuracy (99.5%)**, and automating workflows to **reduce manual effort by 85%**. Experienced in building executive dashboards, predictive models, and AI-driven analytics solutions.
Relocating to Dubai and seeking **Data Analyst / AI Analytics** roles.

EDUCATION

2025 – 2025 Dublin	**Masters in Business Analytics,** *UCD Smurfit Graduate Business School*
2021 – 2021 Burla	**Bachelor of Technology in Computer Science & Engineering,** *Veer Surendra Sai University of Technology*

WORK EXPERIENCE

09/2025 – Present
Dublin

Data Analyst & AI Strategy Specialist, *Independent AI Strategy & Research*
- **Customer Intelligence & Sentiment Analytics** - Architected autonomous system **(LangChain + Python)** automating sentiment analysis across **5,000+ logs**, reducing manual effort by **85%**
- **Predictive Behavioral Analytics (Retail & E-commerce)** - Built engine identifying **AED 55K/month** at-risk revenue, enabling automated re-engagement triggers aligned with **Dubai Smart Retail initiatives**
- **Executive Dashboarding (Power BI)** - Developed KPI-driven dashboards delivering **strategic insights** for leadership decision-making and supporting **Dubai Smart City & D33 initiatives**
- **Enterprise Data Solutions** - Delivered **20+ analytics & reporting solutions** for international clients, translating complex datasets into actionable **business intelligence and financial insights**
- **Budget & Cost Optimization** - Improved tracking **accuracy by 25%** through advanced data validation, **pricing model optimization**, and alignment with UAE cost-efficiency mandates.

10/2025 – 01/2026
UK

Business Consulting Analyst, *Blackmont Consulting, UK (Remote)*
- **Real-Time Business Intelligence** - Enabled **25+ consultants** with live analytics for client strategy and planning, enhancing **consulting efficiency** and **enterprise performance management.**
- **Tools/Technologies**: Power BI, SQL, Workflow Analysis
- **Key Stakeholders:** Delivered real-time insights to 25+ consultants for client strategy and planning
- **Team Size: 8**
- **Key Achievements:** Reduced weekly data preparation time by 15% through workflow optimization, **delivered 160% ROI** for boutique firms via automation efficiency, and identified **£3,200 annual savings** per firm by **automating 36% of manual processes.**

06/2022 – 03/2024
India

Software Engineer, *Softtek India Pvt Ltd*
- **Data Integrity & Governance (FP&A)** - Led governance initiatives achieving **99.5% improvement in data integrity**, strengthening **financial planning & analysis accuracy** and compliance with **UAE corporate standards.**
- **Ad-Hoc Reporting & Market Analysis** - Delivered customized reporting, market intelligence, and business insights to **identify risks, opportunities, and performance gaps**, supporting **data-driven decision making.**
- **Actionable Decision Intelligence** - Translated complex datasets into clear, actionable insights, empowering stakeholders with **business performance analytics** and **strategic planning support.**
- **Tools/Technologies:** JavaScript, SQL, RESTful APIs, Jest, Node.js.
- **Key Stakeholders:** Banking FP&A (Financial Planning & Analysis) teams and backend systems architecture groups.
- **Team Size: 4 (offshore) and 3 (onshore)**
- **Key Achievements:** Banking Systems Reliability - Maintained **100% uptime** of live banking website and optimized backend features, preventing transaction failures across **1M+ monthly data points** and mitigating risks of **financial discrepancies and recovery costs.**

CERTIFICATIONS

- Google Data Analytics
- One Million Prompters

SKILLS & TOOLS

- Customer Analytics
- Performance Optimization
- SQL, Python (Pandas, NumPy, Scikit-learn)
- Azure, BigQuery, ETL
- Predictive Analytics
- KPI Design
- Data Governance & Quality Management
- Generative AI, LangChain, RAG, Workflow Automation
- Strategic Insights
- Business Intelligence
- Churn & Revenue Analytics
- Advanced Excel, Git, Jupyter
- Market Research
- Stakeholder Management
- Predictive Modeling, Forecasting
- Power BI, DAX, Data Modeling, Dashboarding

PROJECTS PORTFOLIO

Dubai Cashless 2026 - Logistics Leakage Reduction, *- Business Problem: High logistics leakage and financial risk from Cash on Delivery (COD) orders - Role: Lead Data Analyst & Developer - Tools: Python, XGBoost, LangChain, Power BI, SQL*
- Outcome: Built predictive model reducing last-mile overhead by 12.5%. Identified AED 19.54K annual logistics leakage supporting Dubai's Cashless 2026 vision
- Reference: Github Repository 🔗

Retention Pulse - Agentic VIP Rescue System, *- Business Problem: Preventing churn among high-value VIP users to protect recurring revenue streams - Role: AI Strategy & Data Analyst - Tools: Python, Crew AI, LangChain, SQL, Power BI*
- Outcome: Flagged 351 high-risk users and enabled proactive retention strategies.
- Reference: Github Repository 🔗

SoftHire - Market Diversification & ROI Analysis, *- Business Problem: Bottlenecks in archaic immigration license processes leading to high revocation risks - Role: Business Consulting Analyst - Tools: Power BI, SQL., Workflow Analysis*
- Outcome: Automated 36% of manual workflows, quantified 160% ROI, and projected £100K+ ARR, enabling firms to diversify markets and strengthen compliance.

VOLUNTEERING ACTIVITY

Community Engagement & Mentorship — **Volunteer Educator:** Mentored and taught underprivileged children during Bachelor's studies, focusing on **foundational education, academic support, and personal growth**.

Technical Guidance & Team Support — **Peer Mentor:** Provided technical support and guided junior developers during backend feature development in the **banking sector**, ensuring code quality, knowledge transfer, and smoother delivery of critical features.

LANGUAGES

- English
- Hindi
- Odia

PERSONAL DETAILS

Visa Status, *Visit Visa - Valid until May 2026*
Relocating to UAE, March 2026