AMIT KUMAR

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PROFESSIONAL SUMMARY

Business Intelligence Analyst with 3+ years of experience designing dashboards, automating reporting pipelines, and delivering data-driven insights across financial markets and enterprise operations. Strong expertise in Power BI, SQL, Python, data visualization, and ad-hoc analysis, with proven experience translating business requirements into scalable BI solutions. Particularly focused on building analytics solutions that stakeholders actually use and automating repetitive workflows.

TECHNICAL SKILLS

Business Intelligence: Power BI (Advanced), Tableau, Dashboard Design, KPI Development, Data Modeling, Data Visualization
Data & Analytics: SQL, Excel (Power Query, VBA), ETL, Data Quality Controls, Data Warehousing, Ad-hoc Analysis
Programming: Python (Pandas, NumPy), Scala (data integration), R (statistical analysis)
Automation & Tools: Power Automate, Reporting Automation, Apache Zeppelin, MySQL, n8n
Cloud Platforms: Google Cloud Platform
Languages: English (Fluent), German (Intermediate), Hindi (Native)

PROFESSIONAL EXPERIENCE

Eurex (Deutsche Börse Group) — Frankfurt, Germany
Intern – Business Analytics, Market & Liquidity Analytics — *Jan 2026 – Present*
- Designing and deploying Power BI dashboard for commercial sales team to track client performance across derivatives products—replaced static Excel reports that were rarely updated
- Automating recurring BAU tasks using Python and VBA, including "Most Liquid Products" lists and interactive chart updates that previously required manual data extraction from multiple sources
- Extracting and structuring trading data from StatistiX database using SQL for product presentations across TRF, FTSE 100, and ESG segments, working around inconsistent data schemas across trading systems
- Supporting ad-hoc market analytics and pricing analysis for Market Maker schemes and derivatives products
- Producing monthly market analytics newsletters and client reporting deliverables for commercial stakeholders

Deutsche Börse AG — Frankfurt, Germany
Working Student – Data Analytics & Automation, Cash Market Services (Part-time) — *July 2025 – Dec 2025*
- Engineered rule-based automation workflows using Power Automate (with AI Builder for content recognition) that saved 20+ hours/month and reduced manual errors by 50%+ across cash market operations
- Automated reconciliation of 500K+ rows/month using Power Query & VBA, achieving 30% reduction in data defects after resolving inconsistent date formats and field mappings across upstream trading systems
- Designed and deployed live Power BI dashboards integrating Scala & Apache Zeppelin data sources for real-time trading analytics—dashboards that traders actually check daily instead of requesting ad-hoc reports
- Developed computer vision-based verification tool using Python (OpenCV, PyMuPDF) to automatically detect stamps and signatures in 400+ monthly compliance PDFs, flagging exceptions for manual review

Arcadis — Bangalore, India
BIM Engineer — *Aug 2022 – July 2024*
- Built Power BI dashboards and Power Apps for real-time project KPI tracking and resource management
- Automated data validation and transformation pipelines using Python, VBA & Dynamo, reducing manual processing time by 60%
- Led cross-functional data automation initiatives reducing manual approval time by 2 days per project
- Ensured data integrity across BIM systems through collaboration with multidisciplinary engineering teams

Alliant Advisory — Bangalore, India
Associate – Cost Segregation — *Feb 2022 – July 2022*
- Analyzed and structured large financial datasets for cost segregation across 12+ client projects, delivering strategic insights
- Created standardized reporting templates and automated workflows, reducing turnaround time by 28%
- Developed Excel-based analytics tools and dashboards to track project performance metrics

Atal Incubation Centre - Bihar Vidyapith — Patna, India
Program Associate Intern — *Jan 2021 – Jan 2022*
- Built and maintained MySQL databases of 2,400+ founders, boosting data accuracy from 92% to 99%
- Streamlined SQL-based screening workflows, shortening startup evaluation cycles by 33%
- Designed performance tracking dashboards to monitor portfolio metrics and support data-driven program management

EDUCATION

Frankfurt School of Finance & Management — Frankfurt, Germany
Master of Science in Management, CGPA: 2.1/4.0 (1.0 = Best) — *Sept 2024 – Aug 2026*
- Concentration: Digital Business, Technology & Operations (DBTO)
- Relevant Coursework: AI & Operations Decisions, Data Science, Financial Analysis, Information Systems, Marketing

Bangalore Institute of Technology — Bangalore, India
Bachelor of Engineering in Civil Engineering, CGPA: 8.03/10 — *Aug 2017 – Aug 2021*

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

FS Quant Data Science – Trader Team, Frankfurt School — Aug 2025 – Present
Researched markets, developed trading strategies, and practiced risk-aware execution as part of the Trader team

FS Blockchain – Tokenized Assets Team, Frankfurt School — Apr 2025 – Present
Contributed to research on blockchain innovation and tokenized asset markets