Kumar Abhinav

Data Analyst & BI Lead

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| **Core Technologies & Skills**  **BI & Visualization:** Tableau, SQL, Data Visualization, Reporting Automation  **Data Engineering:** ETL Pipelines, Data Cleaning, MySQL, Elasticsearch  **Programming:** Python, Java, FastAPI  **Other Tools:** Git, JIRA, Confluence, Azure  **AI:**  Agentic AI, OpenAI API  Risk Mitigation, Resource Allocation, Cost Optimization | Product-oriented Data & Analytics Leader with 7+ years of experience architecting end-to-end analytics products—ETL pipelines, dashboards, and predictive models—using SQL, Python, and Tableau. Partner with engineering, data science, and business teams to translate complex requirements into actionable insights, drive operational efficiency, and inform strategic decisions at scale.  **Career Highlights**   * **New Product Development & Automation:** Spearheaded end-to-end delivery of analytics and automation products across LinkedIn, RFXCEL, and VVF India, including LinkedIn’s internal Q&A bot, ticket-automation & onboarding pipelines, achieving 65% adoption in 2 months and a 45% MTTR reduction. RFXCEL’s supply-chain dashboards, GenAI-driven Text2SQL & release-notes tools, driving 25–40% efficiency gains and $X M in upsells. VVF India’s Inventory Optimization Engine & Demand Forecasting Tool, cutting inventory by 25%, slashing losses by 22%, and freeing $X M in working capital * **Process & Data Modernization:** Transformed legacy data architectures into scalable ETL and workflow platforms by, Consolidating daemons into a Python Temporal workflow pipeline. Building SQL→ Elasticsearch data stores feeding interactive Kibana/Tableau dashboards and modernizing CI/CD—eliminating 95% of failures, halving query latency, and achieving 99.9% uptime |

**Work Experience**

**LinkedIn** | **Business Analyst**, Mountain View, CA. October 2024 to Present

Own and ship full-stack, data-driven features for LinkedIn’s internal Employee Productivity Platform (28K+ users). Partner with Product, UX, and IT Service management (ITSM) to define roadmaps, build APIs and dashboards, and iterate using real-world usage metrics—delivering measurable business impact.

**Specific Contributions:**

* **Product Development - Employee Productivity Platform:** Led end-to-end development of multiple features for an Internal Q&A chatbot aimed at addressing common employee needs ranging from automated ticket resolution, internal knowledge-based search and related administrative tasks. Developed and maintained python based 5 microservices for this product achieving an adoption rate of 65% in 2 months and reducing mean ticket time resolution (MTTR) by 45%
* **Engineering Excellence:** Led an effort to increase innovation agility in software development by modernizing the java legacy codebases into a single Python/FastAPI platform—decommissioned three Java VMs. Modernized the CI pipeline to achieve 40% faster build times, implemented automated monitoring, and migrated employee data-pipeline daemons to Temporal-based workflows—eliminating 95% of failures, reclaiming eight engineer-hours per week, and boosting pipeline reliability to 99.9% uptime.

**RFXCEL | Tech Lead – Business Analyst & Data,** San Ramon, CA, May 2023 – Oct 2024

Fast tracked from intern to full-time Tech Lead, I partnered with Sales Engineering and clients (Walgreens, AbbVie, Cardinal) to capture requirements, define KPIs, and deliver analytics and automation products—driving 15–45% efficiency gains and generating $X M in upsells.

**Specific Contributions:**

* **Product Development – Real-Time Inventory Lifecycle Dashboard: KPI Definition & Backlog Prioritization:** Led sessions with Bahrain MoH to identify eight core supply-chain metrics. **Data Pipeline & Visualization**: Specified data mappings, built a SQL→ Elasticsearch ETL pipeline, and delivered Tableau dashboards—halving query latency, boosting efficiency by 25%, and upselling $X M in platform extensions.
* **Enterprise Analytics & Reporting Solutions - Profitability & Cost-Optimization Dashboard:** Spearheaded a cross-functional task force (Systems, Finance, Support & Engineering) to root out multi-million-dollar cost leaks—from OS licensing and storage inefficiencies to unbilled support and staging overhead—and architected an executive Tableau dashboard that empowered leadership to renegotiate contracts, slash OPEX by 15%, boost system performance by 10%, and realize $X K in annual savings. **Project Status Dashboard for 100+ Customers:** Managed 100+ compliance data requests weekly logged/triaged in JIRA, performed data quality checks, tracked SLAs, and delivered accurate responses.
* **Internal Productivity:** Leveraged GenAI to prototype and launch several tools for internal productivity automation such as **Text2SQL Query Assistant**: Built a GenAI-powered tool using OpenAI’s API and AWS Redshift to translate natural-language prompts into SQL queries for Customer Support Analysts. Reduced support-ticket processing time by 45%, reduced the need for three full-time contractor positions and saved $X K per month**. Automated Release-Notes Generator:** Developed a pipeline leveraging the JIRA API, Confluence data, and OpenAI to draft customer-friendly release notes automatically at the end of each sprint. Saved three man-days per sprint and increased customer satisfaction by 65%.
* **Product Development – Legacy Platform Enhancements: Stakeholder Discovery & Requirements:** Ran workshops with Walgreens and its distributors to map escalation workflows and define 20+ user stories. Solution Delivery: Developed Java Spring Boot REST APIs and an Angular UI for real-time exception-rule configuration—cutting resolution time by 40% and saving $X K/year in support & logistics costs. **SAP Integration & SLAs**: Captured order-handoff requirements with AbbVie IT, documented data models and SLA targets, then built a Java Spring Boot API to automate 100% of order handoffs—ensuring data accuracy and saving $X K/month in labor.

**Vvf India Limited** | **Manager** **Data Analyst**, Mumbai, India. Dec 2017 to Aug 2022

Owned and delivered end-to-end supply-chain optimization products, combining SAP automation, advanced analytics, and forecasting to drive compliance, cost savings, and operational efficiency—culminating in successful McKinsey audits and $X million in working capital improvement.

**Specific projects:**

* **Audit & Compliance:** Orchestrated comprehensive supply chain process improvements at VVF India Limited—streamlining inventory segmentation, demand planning, and cost-to-serve analyses—culminating in successful McKinsey audits that validated enhanced operational controls and efficiency gains.
* **Global Inventory Optimization Engine:** Designed and built a quantitative segmentation framework (JIT, VMI) integrated into SAP—reduced global inventory by 25%, freed up $X million in working capital, and improved service levels by Y%.
* **Demand Forecasting & Scenario-Planning Tool:** Created an Excel-Solver driven forecasting application incorporating historical data, market trends, and supplier constraints—boosted forecast accuracy by 20%, cut stockouts by Z%, and optimized resource allocation across five plants.

**Early Career| Program & Project Manager – Manufacturing & Infrastructure,** New Delhi, India April 2009 – Nov 2017

Delivered turnkey EPC programs (up to $100 M) for power and chemical plants by scoping, planning, and executing across Engineering, Procurement, and Finance

**Specific Contributions:**

* **Program Road mapping & Scheduling:** Developed L1–L3 WBS and Gantt schedules in MS Project for very large energy units; defined milestones, resource plans, and communication cadences to ensure on-time, on-budget delivery**.**
* **Risk & Change Management:** Established integrated change-control and risk-register processes; chaired weekly steering committees with regulators and vendors to surface issues early, implement catch-up plans, and maintain 100% compliance.
* **Vendor & Contract Governance:** Led RFQ evaluation, BOQ cost estimation, and supplier negotiations for BOP/BTG packages (up to $100 M); managed LOA issuance, advance payments, and contract close-out to achieve <1% cost variance.

**Skills**

**Functional:** Data Analysis, Dash Boarding, Data Governance, Data Quality Assurance, Data Optimization, Process Mapping, Delivery Presentation, Agile, SDLC, KPI Tracking, Data Warehousing

**Technical:** Python, Java, FastAPI, MySQL, Elasticsearch, Kibana, Tableau, Advanced MS Excel, Azure, Spark. Salesforce, Jira, Git

**Education and Academic Background**

**California State University East Bay**, Hayward, CA

**M.S. in Business Analytics**, Aug 2022 to Dec 2023

**Sathyabama Deemed University** Chennai, India

**B.Tech. in Chemical Engineering (Major) || Computer Science & Engineering (Elective)** Aug 2005 to April 2009