

Aryan Subhash

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Portfolio: datascienceportfol.io/aryansubhash20 | A: London, UK

Performance Data Analyst with experience transforming large operational and financial datasets into actionable insights for planning, market development, and governance reporting. Skilled in demand forecasting, scenario modelling, and data validation using Python, SQL, Power BI, and Tableau. Strong communicator with a track record of improving service outcomes by translating complex analysis into clear decisions for senior leaders. **Right to work in the UK and on a Skilled Worker visa.**

EDUCATION

MSc in Business Analytics, 2:1 | University of Surrey | UK |

- **Dissertation: Modeling on the Severity of the Road Accidents in Great Britain Using Data Analysis**

B.Tech. in Information Technology | Coimbatore Institute of Technology | India|

- **Project: Prediction of Agriculture Crop yield using data analysis and Machine learning (GAN).**

WORK EXPERIENCE

Business Analyst | Cloudnine IT Services | July 2025 - Present | Sutton, UK

- Analysed resource utilisation and engagement trends **to identify workflow inefficiencies** using **SQL and Power BI**, improving access to digital care services and operational responsiveness.
- **Built and automated KPI dashboards** for operational and governance forums through **Power BI Service** (including RLS and scheduled refresh), reducing reporting turnaround time by 35%.
- **Facilitated stakeholder workshops** and **applied Agile prioritisation methods** to align performance metrics with strategic organisational goals, increasing clarity and delivery focus.
- **Established data validation standards** and documented data lineage within **SharePoint and JIRA** environments, strengthening reporting accuracy and audit compliance.

Financial Analyst (Contract) | Southern Housing Group | Oct 2024 - April 2025 | East Croydon, UK

- **Conducted forecasting and regression analysis** using **Python** to model placement demand and service-pressure scenarios, enabling earlier risk escalation and more proactive capacity planning.
- **Developed Power BI and Tableau reporting packs** highlighting **service performance, cost trends, and vulnerability risks**, reducing follow-up clarification requests from senior leadership by 30%.
- **Designed performance KPIs linking financial impact**, fairness and user outcomes, enhancing transparency and support for strategic decision-making.
- **Performed data quality assurance across multi-system datasets** (housing, finance, support pathways) **using SQL-driven anomaly checks** and metadata standardisation, reducing manual data corrections by approximately 25% and increasing reporting reliability.

BI Analyst (Contract) | Fiverr | March 2024 - September 2024 | London, UK

- Designed and deployed **20+ interactive dashboards** integrating **SQL data sources**, enhancing performance monitoring and ROI tracking for SME clients.
- Automated reporting workflows using **Power BI Service**, reducing manual workload by **30%** and ensuring timely and accurate reporting.
- Produced **research-driven KPI briefs**, enabling clients to make **evidence-based business decisions**, boosting profitability by **12%** while reducing costs by **8%**.
- Translated complex data models into **clear, actionable insights** for business users.

Business Analyst (Contract) | Glorydale Merchant Services | October 2023 - February 2024 | West Byfleet, UK

- **Analyzed four years of merchant financial data** using **SQL** and **Excel**, identifying **risks** and operational inefficiencies, which led to a 15% revenue increase and **10% reduction in operational issues**.
- **Partnered with external vendors (Visa, Mastercard)** and internal stakeholders to capture requirements and improve payment processing systems, reducing transaction errors by 30% and improving **system integration**.
- **Facilitated UAT sessions, documented changes** using **JIRA**, and provided post-implementation support – achieving a 95% stakeholder satisfaction rate.

Projects

Project Sensei AI — Autonomous AI Dev Agent- (Role: Lead Architect • Full-Stack Developer • DevOps Owner)

- **Built an autonomous AI agent that writes code**, opens PRs, and manages repo updates → orchestrated structured prompts, safe file-update workflows & repo context ingestion → **using Python, OpenAI API, GitHub API & Supabase** → cut manual refactor effort and accelerated development cycles.
- **Automated build-to-deploy workflows with zero-touch releases** → wired CI/CD enforcement (branch rules, deployment hooks) → **using GitHub Actions + Vercel** → reducing idea-to-production time and DevOps overhead.
- Engineered a persistent knowledge graph of every repository state → Supabase relational models storing project history, config & decisions (RLS + JWT auth) → improved code-change safety, context retention & reduced regression rate.

Pickle — AI Memory & Reminder Assistant(Lead Product Designer • Full-Stack Developer • LLM Integrator)

- **Created an AI-powered memory assistant** that stores and retrieves personal info + reminders via natural language → built **using Supabase (SQL), Python & TypeScript** → reducing manual note searching.
- **Integrated Grok APIs** with sentiment-aware responses so reminders feel supportive and human-like → using LLM prompt design + sentiment analysis → boosting user engagement.
- Implemented smart recall & scheduling logic → **Python + SQL trigger-based reminders** → improving timely access to important information.

KineticIQ — AI Assistant for Physiotherapists(Creator • Clinical Workflow Automation • Custom GPT Builder)

- **Built a custom physiotherapy GPT** to automate SOAP notes, clinical reports, and patient communication → **reducing documentation time** for physios.
- **Integrated exercise-generation workflows** tailored to injury type and rehab stage → using **clinical prompt-frameworks + exercise databases** → **improving treatment consistency & patient clarity**.
- **Fine-tuned behavioural style for healthcare** (professional, empathetic responses) → using **OpenAI Assistants API + custom safety/formatting rules** → **boosting clinical adoption and trust**.

LANGUAGES, SKILLS

- **Languages:** English (Fluent)
 - **Skills:** Performance reporting, Demand forecasting, Scenario modelling, Market capacity analysis, Trend analysis, Data validation & quality assurance, Strategic insight generation, Governance reporting, Cross-functional collaboration, Stakeholder communication, Narrative insight storytelling, Critical thinking & problem solving, Attention to detail, Senior-leader briefing support, Public-sector outcome focus, Ethical & accurate data handling
 - **Tools:** Excel (advanced formulas, pivoting, lookups), SQL (data validation/querying), Power BI, MRI, SharePoint, Jira, Data modelling, Microsoft Office Suite
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