

Aishwarya John Pole

Data Analyst | Business Analyst

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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Professional Summary

Dedicated and results-driven Data & Business Analyst with an MSc in Data Science and Analytics and over 1.5 years of professional experience in data operations, annotation, and process optimization. Skilled in transforming raw data into meaningful insights, creating dashboards, and supporting business decision-making through statistical analysis, visualization, and reporting. Experienced in quality assurance, requirement gathering, and cross-functional communication with stakeholders in fast-paced, data-intensive environments. Proficient in SQL, Excel, Python, and Tableau, with strong academic and practical exposure to machine learning, NLP, and predictive analytics. Demonstrated success in both technical and business domains by delivering high-precision data solutions, mentoring teams, and driving operational efficiency. Actively seeking opportunities to leverage technical expertise and analytical mindset to contribute as a Data Analyst or Business Analyst.

Technical Skills

Programming & Databases: SQL, Python (Pandas, NumPy, Matplotlib, Seaborn), R (basics)

Data Visualization & Reporting: Tableau, Power BI, MS Excel (Advanced Functions, Pivot Tables, Dashboards)

Data Analytics & Machine Learning: Data Cleaning, EDA, Statistical Analysis, Predictive Modeling, NLP

Business & Process Skills: Requirement Gathering, Stakeholder Communication, Process Documentation, Workflow Optimization, Agile & JIRA

Other Tools: Google Suite, MS Office, QA Dashboards, Proprietary Annotation Tools

Education

Master of Science – Data Science and Analytics

University of Hertfordshire | Sep 2021 – Sep 2023

Bachelor of Engineering – Computer Science and Engineering

Jawaharlal Nehru Technological University | Jun 2014 – Jun 2018

Projects

Effect of Pre-Trained Models in Text Summarization for Proceedings

Project Overview:

- Conducted research on automated text summarization to make lengthy legal proceedings more accessible to the public.
- Collected and pre-processed archival records of criminal trial proceedings from the Old Bailey website.
- Implemented pre-trained models such as BART, BERT, T5, and GPT-2 to evaluate their effectiveness in summarizing large volumes of legal texts.
- Evaluated model performance using ROUGE-1, ROUGE-2, and ROUGE-L metrics for both single-sentence and multi-sentence summarization tasks.
- Findings showed that BERT and GPT-2 achieved precision scores of 99–100%, recall of 18%, and F1 score of 31%, indicating strong ability to generate summaries similar to the reference text in terms of word usage, but less effective in capturing correct word order.
- Project demonstrated expertise in NLP, deep learning, and data preprocessing pipelines, along with strong analytical and research skills.

Certifications

Learn SQL – Codecademy (2025)

Excel for Data Analysis – (2025)

Learn Tableau for Data Visualization – Codecademy (2024)

Experience

Full Stack Developer | UX/UI Designer

Pole Digital Solutions, London · Self-employed | Sep 2024 – Present

As the sole owner and operator of Pole Digital Solution, I help small businesses establish and grow their digital presence. I design and develop websites, create POS (Point-of-Sale) software, build professional portfolios, and offer logo and branding services using AI and behavioral analysis. I handle everything from strategy and design to deployment and support — fully tailored to the needs of small business owners.

- Designed and developed responsive websites tailored to small business needs, from initial wireframes to deployment.
- Built custom Point-of-Sale (POS) software solutions to streamline business operations.
- Delivered end-to-end branding packages including logo design, visual identity, and brand guidelines.
- Consulted with small business owners to define digital strategy, marketing goals, and user experience.
- Created professional portfolios and landing pages to boost online presence and conversions.
- Managed hosting, domain setup, and technical support post-launch.
- Applied SEO best practices and basic analytics integration to improve search visibility.
- Coordinated every stage of project development — strategy, design, coding, testing, launch, and maintenance.
- Used tools like WordPress, React, Figma, Photoshop, or other relevant platforms depending on client needs.
- Provided ongoing support and updates, acting as a one-stop digital partner for clients.
- Conducted detailed sprint planning and managed sprints using Jira and Confluence.
- Ensured client SLA compliance and reported on system uptime and performance.
- Worked closely with product managers to turn specifications into deliverable features.
- Monitored website status and uptime for client deployments using Netlify/Vercel dashboards.
- Proactively debugged code and addressed reliability issues impacting business-critical systems.
- Worked closely with clients to prioritize features based on consumer feedback and backlog grooming.

Tools & Technologies Used:

HTML, CSS, JavaScript, React, Tailwind, Bootstrap, Node.js, Express.js, SQLite, Firebase, WordPress (Custom Themes & Builders), Figma, Adobe XD, Photoshop, Git, GitHub, cPanel, Excel Export Tools

Cover Receptionist

Savills, London · Part-time | Jul 2023 – Aug 2024

- Provided front desk coverage for 75+ commercial and residential sites, often filling in on short notice and adapting quickly to new environments.
- Greeted and assisted high volumes of clients, tenants, and contractors, maintaining a professional and welcoming demeanor.
- Handled multi-line switchboard calls, relaying messages, transferring calls, and responding to inquiries efficiently.
- Managed access control systems, issued visitor badges, and maintained accurate visitor logs.
- Oversaw meeting room bookings and calendar coordination for site teams and building managers.
- Logged and distributed incoming mail and courier packages, ensuring prompt delivery to relevant departments.
- Reported maintenance issues, liaised with site managers and cleaning staff to maintain presentation standards.
- Supported administrative duties such as email correspondence, data entry, and light filing when required.
- Maintained strict confidentiality and ensured GDPR compliance in all front desk procedures.

Senior Associate – Data Annotation & LiDAR Labeling Specialist

Wipro Limited, India · Full-time | Feb 2019 – Sep 2020

Worked on the Waymo self-driving car project, performing high-precision annotation of 3D LiDAR point cloud data to support training and validation of AI/ML perception models. Operated within a high-performance team in a fast-paced, accuracy-driven environment to meet aggressive production goals. Contributed to annotation processes that supported the training and validation of machine learning models used in autonomous vehicle perception systems.

Key Responsibilities:

- Annotated 3D point cloud, image, and video datasets using proprietary software, supporting autonomous navigation systems.
- Integrated camera and LiDAR data for sensor fusion tasks supporting advanced machine learning model accuracy.
- Ensured data integrity and consistency across large datasets to meet quality standards for training AI models.
- Conducted root cause analysis on labeling errors and created feedback loops to inform tool and SOP updates.
- Collaborated in a fast-paced, innovation-driven team focused on continuous improvement and model accuracy.
- Provided technical onboarding to 60+ new associates, helping them ramp up in less time with greater accuracy.
- Helped adapt applications and task flows in response to tool upgrades and team-wide project pivots.

Career Interests

- **Data Analytics & Business Intelligence** – Applying statistical techniques, SQL, Excel, and visualization tools (Tableau, Power BI) to generate actionable insights and support data-driven decisions.
- **Business Analysis & Process Improvement** – Gathering requirements, documenting workflows, and collaborating with stakeholders to optimize operations and deliver business value.
- **Data Science & Machine Learning (Entry-Level)** – Exploring predictive modeling, NLP, and data preprocessing to contribute to advanced analytics and AI-driven solutions.
- **Cross-Functional Collaboration** – Bridging the gap between technical teams and business stakeholders by translating data insights into clear recommendations.
- **Continuous Learning** – Expanding knowledge in advanced SQL, Python analytics, cloud-based data platforms (AWS, Azure), and business process modeling.