

# Aishwarya John Pole

## Data Analyst

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Ilford, UK

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## Professional Summary

Highly motivated and detail-oriented data science professional with a Master's degree in Data Science and Analytics, coupled with practical experience in data annotation, quality assurance, and business ownership. Eager to leverage strong analytical, problem-solving, and technical skills in Python, SQL, and data visualization to extract actionable insights and contribute to data-driven decision-making as a Data Analyst. Proven ability to adapt quickly to new technologies and environments, optimize processes, and manage projects from inception to deployment.

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## Skills

**Programming & Tools:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Microsoft Excel, Google Sheets, Tableau (Basic), Power BI (Basic), Waymo Chauffeur (Proprietary Tool), POS Software

**Data Analysis:** Data Cleaning, Data Transformation, Exploratory Data Analysis (EDA), Statistical Analysis, Data Visualization, Report Generation, Data Interpretation

**Machine Learning (Basic):** Supervised Learning, Unsupervised Learning, Feature Engineering, Model Evaluation

**Web Technologies:** HTML, CSS, JavaScript, WordPress, E-commerce Platforms

**Other Skills:** Project Management, Process Optimization, Quality Assurance, Technical Documentation, Client Management, Communication, Problem-Solving, Team Collaboration, Training & Mentoring, GDPR Compliance

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## Projects

### Effect of Pre-Trained Models in Text Summarization for Proceedings

- Master's project evaluating BART, BERT, T5, and GPT-2 models for abstractive text summarization of historical legal proceedings from the Old Bailey dataset. Included data preprocessing, model application, and evaluation using ROUGE-1, ROUGE-2, and ROUGE-L metrics.
- Technologies Used: Python, Hugging Face Transformers (BART, BERT, T5, GPT-2), Pandas, NumPy, ROUGE-score, Jupyter Notebooks.

**GitHub Repository:** <https://github.com/Aishwaryajohn97/text-summarization-pretrained-models>

## Education

### **Master of Science – Data Science and Analytics**

*University of Hertfordshire | Sep 2021 – Sep 2023*

**Key Modules:** Data Mining, Machine Learning, Statistical Methods for Data Science, Big Data Technologies, Data Visualization

### **Bachelor of Engineering – Computer Science and Engineering**

*Jawaharlal Nehru Technological University | Jun 2014 – Jun 2018*

**Key Modules:** Data Structures and Algorithms, Object-Oriented Programming (C++, Java), Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Web Technologies, Theory of Computation, Compiler Design, Artificial Intelligence (Introductory), Microprocessors and Assembly Language Programming, Computer Organization and Architecture, Data Mining and Warehousing, Mobile Computing, Cloud Computing (Elective)

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## Experience

### **Business Owner**

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

- Led end-to-end digital transformation for small businesses, improving brand presence and sales via custom websites and e-commerce platforms.
- Developed tailored POS solutions to streamline retail and service operations, increasing transaction speed and customer satisfaction.
- Managed full project lifecycles including planning, UI/UX design, front-end and back-end development, deployment, and client training.
- Provided branding and portfolio services to enhance client visibility and brand consistency across digital channels.
- Conducted market research to tailor website functionality and content to the target audience, improving customer engagement and lead generation.
- Integrated third-party services (e.g., payment gateways, booking systems, analytics) to expand client capabilities and improve user experience.
- Established SEO strategies and implemented Google Analytics for performance tracking, increasing web traffic and online visibility.
- Designed mobile-responsive layouts using HTML, CSS, and JavaScript, ensuring compatibility across devices.
- Delivered post-launch support and maintenance, fostering long-term client relationships and repeat business.
- Created and managed content on WordPress and Shopify platforms, optimizing product listings and user navigation.
- Handled all client communication, budget estimation, and contract management, demonstrating strong entrepreneurial and stakeholder management skills.

## 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.
- Conducted root cause analysis on labeling errors and created feedback loops to inform tool and SOP updates. ▪ Participated in SOP and workflow strategy, contributing ideas to improve efficiency, reduce ambiguity, and improve throughput.
- Supported pre-deployment quality assurance testing and bug identification in internal annotation tools.
- Provided technical onboarding to 60+ new associates, helping them ramp up in less time with greater accuracy.
- Handled confidential and sensitive content with strict security compliance in a fast-paced, high-output team.
- Helped adapt applications and task flows in response to tool upgrades and team-wide project pivots.

## Certifications

- **Learn Microsoft Excel for Data Analysis Course** | Codecademy | June 28, 2024
- **Learn Python 3 Course** | Codecademy | April 3, 2024
- **Learn SQL Course** | Codecademy | April 3, 2024
- **Learn Tableau for Data Visualization Course** | Codecademy | April 19, 2024