Kayode Ayankoya

**Senior Consultant**

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| Summary of Experience and Qualifications | |
| Kayode is a Senior Consultant in the Analytics and Cognitive offering with the Applied Artificial Intelligence Talent Group at Deloitte.  His background in statistics, programming and understanding of strategic business intent gives him a unique insight as a data science and analytics practitioner in using data assets for improving business decision making and value creation across industries. He has work experience in the life science and healthcare, financial, retail, automotive and manufacturing industries.  He has a master’s degree in business administration (MBA) and doctorate in computer science from Nelson Mandela University. He was also a part-time adjunct at the same University, teaching Competitive Intelligence. Kayode’s technical expertise include Python, R, SAS, Tableau, machine learning and text analytics. |
| Previous Experience | |
| Client Name  Timeframe  Deloitte Reference (i.e. Project Mgr) | | **Industry: Life Sciences and Healthcare Area: Clinical Research**  **Competency Area: Data Analytics**  **Data Scientist; 12 months.**  **Role:**   * Implemented SQL and python-based trend analysis, risk analysis, outlier and anomalies detection on complex clinical trials running concurrently in 50 – 120 sites across several countries to provide proactive identification of patients, sites, countries at risk, ensure data quality and protect critical trial objectives. * Text mining process improvement for extracting critical elements from large study documents. * Worked on various ad hoc quantitative analysis, modeling, and programming assignments. * Development and standardization of SQL queries for simplifying data mining for non-technical employees.   **Technical Environment: Python, Pandas, NLTK, SQL, Tableau and JReview** |
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| Client Name  Timeframe  Deloitte Reference (i.e. Project Mgr) | | **Industry: Life Sciences Area: Clinical Research**  **Competency Area: Statistical Programming**  **Statistical Programmer; 30 months.**  **Role:**   * Generated analysis data models from multi-domain raw data based on approved specifications, developed SAS programming codes to generate statistical output reports of clinical trial data in industry-defined formats. * Performed exploratory, categorical and survival analyses for safety and efficacy of investigational products.   **Technical Environment: SAS 9.2/9.4**  **Industry: Retail Area: Technology**  **Competency Area: Enterprise Resource Planning**  **System Analyst; 32 months.**  **Role:**   * Requirement gathering, business analysis, and implementation of Syspro Enterprise Resource Planning for warehousing and inventory management. * Developed and executed Just-in-time supply chain integration system for managing purchase orders, deliveries and payments for a national multi-store and multi-supplier system. * Analyzed, enhanced and executed the shop-floor and cycle time alert and management system as part of the lean framework implementation.   **Technical Environment: Microsoft C#, PHP, MS SQL, MYSQL, SYSPRO ERP** |

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| System Experience List only items for which you have actual experience. Those items for which you have attended classes or received training should be listed under the Training section to follow. List products in sentence format; do not list each product on a separate line. | |
|  | Software / Products:   Microsoft Azure (Training), Amazon Web Services (Training). |
|  | Development Tools / Languages:   PostgreSQL (Project), SQL (Project Experience), Python (Project Experience), R(Training), SAS (Project Experience). |
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|  | **General Tools:**Microsoft Excel (Expert), Microsoft Word (Expert), Microsoft Power Point (Expert), Microsoft Project (Project Experience), Microsoft Visio (Expert), Microsoft SharePoint (Project Experience). |
|  | **Software / Products:**   Microsoft Azure (Training), Amazon Web Services (Training). |
| Education | |
| PhD, Computer Science |
| Nelson Mandela University |
| Masters of Business Administration |
| Nelson Mandela University |

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| Training | |
|  | * Springboard Data Science Fellowship: 600+ hours of core data science core concepts and tools including python, machine learning, data wrangling, exploratory data analysis and statistical concepts. Worked on end-to-end capstone projects to identify cluster in sepsis disease population and predictive analytics of mortgages at risk of foreclosure in case of economic recession. |

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| Publications | |
|  | * **Relative Importance Analysis of the Factors Driving Grain Commodity Price Volatility in South Africa** – 61st Euro Working Group for Commodities and Financial Modelling Conference, 2018. * **Using Neural Networks for Predicting Futures Contract Prices of White Maize in South Africa –** South African Institute of Computer Scientists and Information Technologist Conference, 2016. * **A framework for Grain Commodities Trading Decision Support for South African maize farmers - 10**th International Business Conference, Langebaan, South Africa, 2016. * **Real-time grain commodities price predictions in South Africa: A Big Data and Neural Networks approach –** Journal ofAgricultural Economics Research, Policy and Practice in Southern Africa (Agrekon), 2016. * **A Framework for the Use of Social Media for Political Marketing: An Exploratory Study** - 9th International Business Conference, 2015. * **Social Media Marketing in Politics -** International Marketing Trends Conference, 2014. * **Intrinsic Relations between Datafication Big Data, Data Science and Business Analytics -** South African Institute of Computer Scientist and Information Technologists Conference, 2014. |
| Internal References - Please list your last 3 project managers on Deloitte projects (name, office, phone, email address). If you have not been on a project, please delete this section. | |
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