Data Scientist at Jubilee Insurance

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Company: JobWebKenya

Location: Kenya

Category: computer-and-mathematical

Job Description

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Jubilee Insurance was established in August , as the first locally incorporated Insurance Company based in Mombasa in . Jubilee Insurance has spread its sphere of influence throughout the region to become the largest Composite insurer in East Africa, handling Life, Pensions, general and Medical insurance.

Job Ref. No.: JLIL

Role Purpose

The Data Scientist is responsible for advising the business on the potential of data, to provide new insights into the business's mission, and through the use of advanced statistical analysis, data mining, and data visualization techniques, to create solutions that enable enhanced business performance.

Main Responsibilities

Operational:

Execute ad-hoc data mining and exploratory statistics tasks on large datasets related to the business 'strategies.

Build econometric and statistical models for various problems inclusive of projections, classification, clustering, pattern analysis, sampling and simulations.

Build the foundation of state-of-the-art scientific and technical capabilities within the Data Science department in order to support several planned and ongoing data analytics projects.

Provide forward-thinking recommendations to the business by building in-depth understanding of the problem domain and available business data assets, especially those pertaining to strategic initiatives and value-based programs.

Generate actionable insights applying advanced statistical techniques, for example, predictive statistical models, segmentation analysis, customer profiling, analysis, survey design, and data mining.

Corporate Governance (Regulatory and Compliance):

Participate in project execution to ensure that projects scope is understood, completed on time, to service delivery specifications.

Adhere to data privacy and security regulations, maintain confidentiality, and promote responsible data practices in compliance with regulatory requirements and industry standards.

Ensure all assigned policies are 'Read' and assigned policy or procedures tests are undertaken and the lowest acceptable score is 90%.

Leadership and Culture:

Build strong relationships and communications with stakeholders to ensure customer satisfaction.

Collaborate with data scientists to communicate obstacles and findings to relevant stakeholders in an effort to improve decision making and drive business performance.

Continually improving ways of working within the team to drive efficient and impactful engagement and accurate delivery of service.

Requirements

Key Competencies and Skills

Demonstrate ability and passion for designing and implementing successful data analysis solutions within a business.

Ability to apply data-mining techniques in practical real-world business issues.

Skills in the workings of SQL and scripting languages such as Python

Familiarity with statistical analysis, data visualization, and data cleansing tools and techniques.

Strong skill in statistical techniques.

Familiarity in big data and standardizing and A/B testing.

Academic Qualifications

Bachelor's degree in Statistics, Mathematics, Computer Science, Machine Learning, Economics, or any other related quantitative field.

Professional Qualifications

Big Data or Data Science certification from recognized institutions

Relevant Experience

At least 2 years of working experience working with business analysis/informatics and business outcomes research within a fast-paced and complex business setting, preferably working as a data scientist.

Experience working in probability and statistics, time-series analysis, or econometrics.

Experience in the use of machine learning methods, for example, linear regression, decision trees.

Experience as well as in-depth knowledge of the Python/R programming language and Azure Machine Learning Studio.

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