https://mjmrecruitment.co.za/current-positions-available/data-science-engineer-d10-x1-centurion-fleet-management/

Data Science Engineer (D10) x1 (Centurion) Fleet Management

Hiring organization
MJM Recruitment

Employment Type
Full-time

Beginning of employment
31/10/2024

Duration of employment
Full Time

Industry
Product Support

Job Location
Centurion

Date posted
October 18, 2024

Valid through
31.12.2024

Description

WE ARE HIRING:

DATA SCIENCE ENGINEER x 1 (CENTURION)

FLEET MANAGEMENT

BRIEF DESCRIPTION OF ROLE:

The main purpose of the Data Science Engineer is to work with the Senior Data Scientists on pioneering new data and analytics products. The ideal candidate will possess a strong background in data science, machine learning, and software engineering, with a proven ability to implement effective data solutions in Azure.

MAIN JOB FUNCTIONS:

Collaborate with senior data scientists to develop and implement new data science initiatives. Design and build robust data pipelines in Azure to support Data Science initiatives. Manage and report on cloud costing to ensure efficient resource utilization. Assist in analysing IoT data and conduct governance tests to ensure data integrity and compliance. Contribute to the development of the next generation of vehicle analytics based on mechanical engineering principles. Conduct data science experiments focused on feature engineering for machine learning models. Develop MLOps pipelines to monitor and optimize the performance of data science models. Innovate and develop AI-driven projects utilizing large language models (LLMs) and computer vision technologies.

QUALIFICATIONS AND EXPERIENCE:

Bachelor's or Degree in Mechanical Engineering with a strong emphasis on data science and AI applications. At least 3 years of professional experience in a role that blends mechanical engineering with data science or AI, with a proven track record of implementing practical solutions. Proficient in Azure for building and managing data pipelines, with a focus on integrating mechanical engineering data. Solid experience in mechanical systems analysis and applying AI and machine learning techniques to solve complex engineering problems. Knowledge of IoT data governance and compliance, particularly in mechanical contexts. Demonstrable expertise in MLOps and monitoring AI model performance in engineering applications.

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