Inspiring new ways

DATA ENGINEER AND MANAGEMENT SPECIALIST
Fixed Term Contract: 24 months

An exciting Data Engineering opportunity exists at our Head Office in South Africa, to join our Digital and Technology business unit as a Data Engineer and Management Specialist. We invite applications from individuals who are passionate about promoting South Africa as a Tourism Destination and possess the required skills and experience.

Purpose of the Role

With a dual reporting line to the GM: ICT and Manager: Digital Operations, this role is responsible for the solutions and architecture for processing data with the objective of transforming raw data into a valuable asset and tool for all SA Tourism business units, locally and internationally to meet their mandate and objectives.

Key Performance Areas:

Data Engineering Management
- Manage & organize the organization's data
- Develop, construct, test and maintain data architectures
- Align architecture with business requirements
- Develop data set processes
- Identify ways to improve data reliability, efficiency and quality
- Design, develop, implement and maintain Oracle/Microsoft SQL applications.
- Maintain all SQL / PLSQL processes.
- CRM integration to multiple platforms.
- Ensure DB availability.
- SQL database design
- Optimize data retrieval and integration processes with 3rd party data sources
- Manage all steps of data processing and visualisation

Data Interpretation
- Develop dashboards, reports and other visualizations
- Prepare data for predictive and prescriptive modelling
- Find hidden patterns using data
- Monitor & review data inconsistencies

Stakeholder Management
- Interface with the wider DIGITECH to assure integration of data across platforms;
- Engage with the DIGITECH and other business units to provide an advisory role in terms of data systems solution performance

- Work with the data scientist to produce algorithms for the practical application of data.

Minimum Qualifications and Experience
- Bachelor's Degree: Information Technology/Programming, Mathematics, Computer Science, Statistical Modelling, Data Management
- 2+ years' experience as a data engineer / modeller experience in a BI environment.
- Data API management
- Algorithms and data structures
- ETL tools set-up, roll-out and maintenance
- Database systems management (SQL and NoSQL)
- Data warehousing and management solutions management, understanding of the Microsoft and google tech stack, include of Azure and Google cloud, are required.
- Must have experience with programming languages such PL/SQL coding
- Experience should include DB design (modelling and normalisation), capacity planning, performance tuning, storage management, back-up and recovery, managing schemas, report generation and DB clustering technologies
- Ideally Oracle Certified DB Professional & or Microsoft SQL certification

Knowledge and understanding of:
- Government priorities and imperatives
- Python, Java, and Scala programming language skills
- Understanding the basics of distributed systems such as Hadoop

Visit us @ www.southafrica.net

Detailed CV to be sent to : hr@southafrica.net
Closing date : 28 September 2021

Important note:

People with disabilities are encouraged to apply. Due to a large amount of correspondence we envisage receiving, only shortlisted candidates will be contacted. Should you have not heard from us Four weeks after the closing date, kindly consider your application unsuccessful. No late applications will be accepted.