ROLE PROFILE

Position Title: Senior Specialist Data Engineering	**Reporting to:** Senior Director AI Hub
Business Unit: Strategy and Digital Transformation	
Division: AI Hub	**Department:** Nexus Project

A. ROLE AND CONTEXT

Purpose: This role is engineering the data foundation that powers Ooredoo's AI and digital transformation agenda. The Senior Specialist, Data Engineering designs, builds, and operates scalable, governed data pipelines and data products on Ooredoo's Google Cloud Platform (GCP) data platform, the program's primary data layer and the source of truth for operational, network, and analytical data. Working alongside the data platform delivery partner, data science, and commercial teams, the role translates business and analytical needs into production-ready, reusable data products that serve analytics, reporting, and AI/ML workloads across customer value management (CVM), marketing, digital sales, and customer care — while ensuring on-premises sources (Teradata, Informatica, Qlik) are reliably integrated and progressively migrated to GCP	**Functional Context:** Ooredoo places strong emphasis on a data-driven culture. In an ever-changing business landscape, there is increasing organizational focus on using AI/ML in day-to-day practice to create value, efficiency, and diversification. The AI Hub division is responsible for putting in place and executing the data & AI roadmap, business plan, and strategy. Ooredoo is building a cloud platform-based solutions involving GCP that hosts the data platform and supports analytics and ML workloads, while Azure hosts GenAI and agentic AI workloads.

B. ROLE ACCOUNTABILITIES

- Develop and optimize real time analytical data stores and feature stores to enable data scientists to efficiently train, validate, and deploy models in DataIKU.
- Build robust data ingestion, transformation, and enrichment processes built on real time data products using ETL tools e.g.
- Informatica, advanced SQL scripting or Dataiku ensuring high performance and accuracy.
- Collaborate with data scientists to translate analytical and modeling needs into production ready data assets, features, and reusable data frameworks.
- Ensure seamless integration of datasets with reporting and BI platforms, including SAP BusinessObjects and QlikSense, providing curated, trusted datasets.
- Implement data quality rules, metadata management, and validation frameworks to ensure reliability and governance of mission critical datasets.
- Automate repeated data processes, pipelines, and monitoring systems to minimize manual intervention and improve efficiency.
- Support data platform optimization through performance tuning, workload management, and efficient use of enterprise DWH capabilities.
- Participate in the design and rollout of new data engineering standards, coding guidelines, and reusable components across the organization.
- Document end to end data flows, data models, pipeline dependencies, and operational processes in alignment with governance best practices.
- Partner with Technology and Infrastructure teams to ensure secure, compliant, and scalable deployment of data engineering solutions.
- Work within a shared function to support commercial growth, cost optimization, customer experience enhancements, and digital transformation initiatives.

C. SCOPE AND INTERACTIONS

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Direct Revenue Responsibility: Yes **Direct Budget Responsibility:** No **Direct People Management Responsibility:** No	**Primary Interactions (Internal/External)**	
	Internal Relationships: Cross Functional	**External Relationships:** Vendors Business Partners

D. KEY PERFORMANCE INDICATORS (KPI)

- Availability, performance, and stability of data pipelines and analytical data stores delivered.
- Quality and reliability of engineered datasets supporting AI/ML models, reporting environments, and downstream systems.
- Automation and optimization improvements implemented, reducing manual work and improving processing efficiency.
- Adoption and usage of analytical datasets and feature stores by data science and analytics teams.
- Compliance with data governance, security, documentation, and code quality standards.
- Contribution to cross functional knowledge sharing, engineering best practices, and capability uplift.
- Successful implementation and enhancement of data engineering frameworks aligned with the enterprise data strategy

E. EXPERIENCE, QUALIFICATIONS AND SKILLS

Minimum Experience, Essential Knowledge & Skills	Minimum Entry Qualifications Preferred Certifications / Other Qualifications
10 years' experience in a similar role. Prior experience in data engineering, ETL development, and enterprise data warehousing. Strong hands-on GCP data engineering — BigQuery, Dataflow, Dataproc, Pub/Sub, Cloud Composer, and Cloud Storage — with dbt (or equivalent) for SQL transformation, testing, and lineage. Expertise in Informatica for ETL/ELT workflow design, automation, and data quality. Deep understanding of building analytical data stores, feature stores, and curated datasets used by data scientists and analysts. Strong command of advanced SQL (window functions, aggregations, complex transformations) and Python for data engineering. Experience designing curated, and consumption layers and feature stores, with sound data-modelling skills (dimensional modelling, star schema, third normal form). Experience supporting BI/reporting platforms such as SAP BusinessObjects, and QlikSense, including data modeling for consumption layers. Experience supporting BI and consumption platforms e,g, Looker (preferred), SAP BusinessObjects, and QlikSense — including data modelling for consumption layers. Understanding of data governance, metadata management, lineage, data quality, privacy, and security principles. Awareness of feature stores, vector stores, and data pipelines that support AI/ML and GenAI (e.g., RAG) use cases is an advantage. Strong communication and stakeholder-management skills, with the ability to explain technical concepts in business-friendly language	Google Cloud Professional Data Engineer certification (strongly preferred). Professional certifications in Teradata, Informatica, dbt, or other cloud/data platforms. Certifications in BI/analytics tools (Looker, Qlik, SAP BusinessObjects) are an advantage.

Technical Competencies	Required Level	Behavioural Competencies	Required Level

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ANALYTICS	Advanced	Building Customer Value	Intermediate
MACHINE LEARNING	Advanced	Delivering Results & Fostering Collaboration	Intermediate
DATA-DRIVEN DECISION-MAKING	Expert	Shaping Strategy	Intermediate
		Driving Change	Basic
		Networking and Influencing Collaboratively	Basic
		Leading Teams	Basic

Competency Level (Reference Range)	**Basic**	**Intermediate**	**Advanced**	**Expert**
	Low >----------->----------->----------->High			