# Data Engineer

**Ref**: ING318
**Location**:  Remote (UK/US)
**Position Type:** Full time/Permanent

**PURPOSE OF JOB:** We are seeking a skilled Data Engineer to support data-driven operations across the Edify platform. This role will focus on analyzing, transforming, and loading complex datasets, as well as supporting data aggregation, statistics reporting, and warehousing needs. A strong foundation in Oracle and PostgreSQL, including experience with Oracle PL/SQL packages, is essential.

You'll be involved in building pipelines for content ingestion, statistical reporting, and customer-facing dashboards—playing a key role in helping publishers gain insight into how their content is accessed and used.

At Ingenta, you'll work with a forward-thinking team focused on solving real-world problems for content providers and readers. You'll be empowered to influence core data services within a mission-critical platform used globally. This is an opportunity to apply your technical skills in a meaningful, customer-oriented environment.

**KEY RESPONSIBILITIES:**
- Analyse and transform data from diverse sources for ingestion into the Edify platform
- Develop and optimize **ETL processes** for large-scale data loads and warehousing
- Implement and manage **data aggregations** for platform analytics and usage reporting
- Work with **Oracle PL/SQL packages and procedures** to support data processing workflows
- Design and maintain reporting structures and datasets for **statistics aggregation** and platform-level insights
- Troubleshoot and resolve data quality issues across Oracle and PostgreSQL systems
- Collaborate with developers and business analysts to meet evolving data requirements
- Contribute to performance tuning, indexing strategies, and data integrity validation
- Support customer implementations by mapping data and transforming legacy datasets for platform integration

**REQUIRED SKILLS AND EXPERIENCE**
- Hands-on experience with Oracle (including PL/SQL packages) and PostgreSQL
- Strong SQL skills and ability to write complex queries, procedures, and data transformation logic
- Solid experience with data aggregation, analytics, and warehousing techniques
- Familiarity with usage statistics standards (e.g., COUNTER) or similar reporting protocols
- Experience working with large datasets in a production environment
- Proven ability to manage and debug ETL pipelines and optimize data workflows

- Knowledge of XML-based content formats (JATS, ONIX, NLM) is desirable
- Familiarity with scripting (e.g., Python, Bash) for automation is a plus

**PREFERRED QUALIFICATIONS**
- Degree in Computer Science, Data Engineering, Information Systems, or related field
- Experience working in publishing, digital content platforms, or scholarly communications
- Understanding of metadata and data models used in academic or STM publishing

If you are interested in this exciting role please forward your résumé and current salary requirements to [recruitment@ingenta.com](mailto:recruitment@ingenta.com) **quoting job reference ING318**.

Ingenta is an Equal Opportunity Employer (EOE).

**About Ingenta**
Ingenta is a publicly listed and independent company with a 40-year history of creating and providing reliable software products and services and over 30 years running rights royalty management that can support any industry.

Ingenta's mission is to be a strategic partner in providing functionally superior solutions that allow companies to operate effectively and securely while being able to take advantage of technical advancements in a controlled way. The company works with all sectors but specializes in the trade, scholarly, academic, and educational areas.

Our employees are full time staff members that are highly experienced professionals who are passionate about their field and located in your regions. Ingenta has been here from the beginning, so we know exactly what it takes to operate your business online. Take advantage of our experience and knowledge to unlock your tomorrow today.