IntelyCare Reduces Data Gaps and Speeds Job Matching with Snowflake's Cortex and Document AI

> *"I think what makes Cortex a game-changer is that we no longer have a gap between our data and our models. They execute in the same SQL code. So testing Cortex out is super easy, and once we convinced ourselves the model was well suited for our use case, deploying was equally easy – it's just writing a SQL query. A multi-week project is now doable in a matter of hours."*
> — **Benjamin Tengelsen**, VP of Data Science, IntelyCare

Problem

- IntelyCare faced challenges processing messy, unstructured data from external vendor management systems (VMS), which slowed down their ability to efficiently match clinicians with job opportunities.
- Reliance on manual processes for parsing job details and matching candidates led to delays and limited the company's capacity to scale operations.
- Incomplete and inconsistent data fields further complicated the matching process, causing missed opportunities and inefficiencies in clinician placement.

Solution

- **Snowflake's Document AI and Cortex LLM** feature enabled IntelyCare to automatically process and clean data from external sources, allowing for faster extraction of critical information.
- They used LLMs within Snowflake to extract and tag key job details from unstructured data, automating what had previously been a manual, recruiter-driven task.
- Cortex was leveraged to process messy job descriptions, structuring crucial information—such as job roles, qualifications, and pay terms—that were previously handled manually.

Results

- **Data completeness**: Reduced the percentage of jobs missing crucial data fields from **30–40% to near zero**, vastly improving the accuracy of job postings.
- **Efficiency**: Automation of job matching allowed recruiters to focus on higher-value tasks, significantly cutting down manual processing time.
- **Speed**: Improved job placement speed by leveraging AI, giving IntelyCare a **competitive advantage** in the clinician staffing market.