

Content Manager (AI & Data)

Candidate Challenge





Welcome & Purpose

Why this challenge?

At MOSTLY AI, clear and effective communication is critical to how we build products. This challenge is designed to evaluate how well you can:

- Translate complex, technical features into content that resonates with different audiences
- Think with a user-first mindset
- Work with realistic scenarios you'd encounter in the role

We want to see your creativity, structure, and clarity in action.



Context New Feature

Query Any Data Source with MOSTLY AI's Connectors

MOSTLY AI now supports **running custom SQL queries** on all supported connectors:

- Cloud storage: AWS S3, Azure Blob, GCP buckets
- Data warehouses: BigQuery, Snowflake, Databricks
- Databases: MySQL, PostgreSQL, Oracle, MariaDB, Microsoft SQL Server, Apache Hive

This feature is integrated with our **AI Assistant**, which translates natural language into SQL, allowing less technical users to analyze and explore data.



Why It Matters

Unlocking flexible, safe data access

This feature unlocks:

- Empowering non-technical users to explore real data safely
- Selecting subsets of data before training a generator
- Pre-aggregating or transforming data before training

Combined with the AI Assistant, it **democratizes access to data exploration.**

Your Task

Use a **multi-table dataset** to enable **time-series analysis** with SDK and Assistant

Create three deliverables to explain this feature:

1. Jupyter Notebook Developer Tutorial

- a. Step-by-step guide showing how to connect to the data source, query and join relevant tables, and generate analyses suitable for multi-sequence time-series with the SDK
- b. Use realistic examples (e.g., users, transactions, events)
- c. The tutorial should be clear, concise, and actionable

2. Explainer Video

- a. Targeted at a data-savvy business user
- b. Show how the Assistant helps guide a user through the analysis of time-dependent, multi-entity data (reuse the same dataset used in the tutorial)
- c. Focus on the business impact and simplicity of the flow (max 90 seconds)

3. Documentation Snippet

- a. Starting from the explainer video, create a paragraph suitable for inclusion in [this documentation page](#)
- b. Make it clear, informative, and user-oriented



Evaluation & Format

How we'll assess your submission

What We're Looking For:

- Clear and structured technical communication
- Ability to adapt content to different audiences
- Strong understanding of product value and user experience

Format:

- The tutorial must be delivered as a **Jupyter Notebook**
- The video can be in your **preferred format** (a screencast is ok)
- The documentation snippet must be submitted as a **PDF**
- Present your work in a **30-minute session** with the product & engineering team, followed by a **30-minute Q&A**
- During the presentation, focus on the **rationale and decision-making behind the content**, not on reading it (we will review the content beforehand)



Materials & Links

Helpful resources for your challenge

- [Direct Query Access for Connectors – Release Notes](#)
- [API Reference](#)
- [MOSTLY AI Docs](#)
- [SDK Reference](#)
- [Blog](#)
- [MOSTLY AI Youtube Channel](#)

Available visual content

- [Google Slides](#) to clone for creating thumbnails or screenshots

▶▶ Looking forward to
your presentation! 🙌

