

# Data Engineer



## About Virtus

Virtus Real Estate Capital is one of the longest tenured private equity real estate fund managers in the U.S. focused exclusively on cycle resilient needs-based property sectors, such as healthcare, education, storage, and middle-income workforce housing. The Firm was founded in 2003 in Austin, TX. The Firm has acquired or developed more than 300 commercial properties totaling over \$7 billion throughout the U.S. Virtus is known across the industry for its deep expertise in social infrastructure sectors and its commitment to people, which is driven by a strong corporate culture around its four core values: Thoughtful Evolution, Resilience, Honorable Action, and Purposeful Work. For more information on investment strategy and portfolio, please visit [www.virtusre.com](http://www.virtusre.com)

## About the Role

We're looking for a Data Engineer to own and grow the Firm's internal data infrastructure, automation, and AI tooling. This is a hands-on, cross-functional role — you'll work directly with every business unit (legal, construction, accounting, asset management, acquisitions, research, investor relations) to identify manual or error-prone workflows and build the tools, pipelines, and AI-integrated systems that fix and automate them. You'll act as both a builder and a trusted internal consultant, translating business problems into deployed, adopted solutions.

## Key Responsibilities

- Design, build, and maintain internal web tools, dashboards, and automation pipelines (Python, SQL, React/Flask, Excel) that replace manual processes across the Firm.
- Own and manage the Firm's data warehouse and ELT — schema design and data cleaning through Dagster, DBT, and Microsoft SQL Server.
- Integrate AI tooling (Claude/LLM APIs, MCP servers) into internal systems to enable plain-language querying and document/data processing.
- Manage cloud infrastructure (AWS EC2/S3 or Azure equivalents) supporting internally deployed applications.
- Meet regularly with Business Unit leads to scope new tools, gather requirements, and train users — adoption and trust-building are core to this role, not an afterthought.
- Develop and maintain ML models (e.g., regression/classification) supporting research and acquisitions use cases.
- Document data definitions, calculations, and system architecture as the Firm's data footprint grows.
- Serve as a point of contact for external technical/AI consultants and vendors.

## Preferred Qualifications

- Bachelor's degree in a quantitative field (Math, CS, Data Science, or related).
- 1–4 years of experience in a data engineering, data science, analytics engineering, DataOps, or technical consulting role.
- Proficiency in Python and SQL.
- Understanding of Git/GitHub for version control.
- Experience with at least one cloud platform (AWS or Azure).
- Exposure to AI/LLM tooling (APIs, prompt-based automation).
- Strong communication skills — comfortable presenting technical work to non-technical stakeholders and leadership.
- Real estate, private equity, or financial services experience a plus.

Virtus Real Estate Capital is committed to the principles of Equal Employment Opportunity. Our policy is to provide equal employment opportunity to all applicants without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity or expression, national origin, age (40+), disability, veteran status, genetic information (including family medical history), or any other legally protected status.

*The full-time position is available immediately.*

**To Apply:** Please submit a resume and cover letter to [recruiting@virtusre.com](mailto:recruiting@virtusre.com) with the subject line **Data Engineer**.