

Data Engineer

About this position

Asset Resolution's vision is of a financial sector that empowers the global economy to take decisive action in line with the climate transition. Our mission is to optimize the accessibility and use of physical asset-level data for climate analysis by financial institutions.

We are looking for a skilled **Data Engineer** to join our team. We are looking for someone who embraces a **startup mentality** and is excited to take on new challenges as we discover them.

Responsibilities

Your primary responsibility will be to **build a Data Warehouse (DW)** to integrate our data sources, and the parsers and data pipelines that we use to populate it.

We have a legacy PostgreSQL database that we are replacing with a DW to onboard and process our data more efficiently and scale up our activities. Because you will be the primary developer for this project, you will need to be able to handle all parts of the process, ranging from design to implementation. Some example challenges that might arise include determining which indices are effective, managing user authentication and permissions, and writing documentation.

Once primary construction of the DW is complete, you will help implement our product roadmap. You will for example:

- **Update and maintain the DW,**
- **Add new data sources in the DW,**
- **Build an API,** and
- **Help design a front-end data access platform.**

You'll work closely with the rest of our team to resolve issues across many domains, beyond ordinary engineering tasks. Some examples include helping write documentation, managing our Azure instance, and evaluating new technologies for inclusion into our stack.

Required skills and experience

Required skills

- Experience maintaining a SQL-based DW
- Experience with shell scripting, and either R or Python
- Integration of business needs into system design and suggestions for improvement
- Integration of data sources with entirely separate identifiers, developing bridging methods as needed
- Design of data processing workflows
- Experience with basic DBA tasks
- Experience working within Agile SDLC
- Interest in sustainability
- English as a working language

Preferred skills

- Experience with PostgreSQL, including optimizing queries (especially Azure DB for Postgres)
- Development and testing of strong and flexible data QA processes
- Management of Cloud-based, and Docker-based DBs
- Mentoring of team members
- Experience in financial sector

Location and duration

- Full-time.

- Remote in 2021. 2022 onwards: Paris or Berlin.

Application process

We are looking to fill the position as soon as possible. Please send your CV and a cover letter at jobs@asset-resolution.com. Phone interviews will be organized with shortlisted candidates.

About us

We were established in 2018 in Paris and work globally. We are expanding rapidly to support the growing needs of financial institutions. Our ever-growing database includes 300,000+ physical assets across the largest carbon emitting sectors and covers 85,000+ companies linked to 20,000+ financial securities. For each asset and company in the database we offer a suite of forward-looking climate-relevant indicators including location, production capacity, production, emissions intensity, and emissions. We offer access to this unparalleled dataset through bespoke data products, and we are developing analytical solutions to turn this data into information through, for example, scenario analysis and physical risk analysis.

We offer you

- A dynamic team of data scientists, analysts, sustainable finance specialists, and developers passionate about the climate transition.
- A young company that spun off from the [2° Investing Initiative](#), a leading international, non-profit think tank working to align financial markets and regulations with the Paris Agreement goals.
- A small organization that is rapidly growing, providing a lot of opportunities to get hands-on experience, make your voice heard and help shape our future.
- A mission that brings together technology and impact.
- Flexibility in terms of working hours and location.

Find out more at <https://asset-resolution.com/>

Asset Resolution is proud to be an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.