

Data Engineer

80-100%

CelsiusPro AG is an Insurtech company based in Zurich specialized in industrializing index insurance solutions to mitigate the effects of adverse weather, climate change and natural catastrophes. We aim to increase resilience against NatCat and adverse weather events, combine risk management with data science, simplify, digitalize and automate the risk management process.

The Technology Team develops risk management solutions, modelling and analytics tools and web-based platforms for corporations, insurers, brokers, governmental agencies, industry bodies, cooperatives and agribusiness companies. We are looking to recruit a Data Engineer to expand our capabilities.

You will be responsible for the following tasks:

- Analysing and organizing raw data in the context of environmental data (spatiotemporal data)
- Building data systems and ELT pipelines from data sources, ingestion components, transformation functions (filtering and aggregation) to destinations (different data base technologies in a data lake).
- Develop a “Data Cockpit” to monitor status and quality of all data streams.
- Evaluating business needs and objectives.
- Interpreting trends and patterns, performing data analysis, reporting the results in the form of analytical tools, dashboards, reports, and data visualizations.
- Preparing data for modelling.
- Collaborating with data scientists and software engineers on projects

You have:

- Relevant experience in the creation and implementation of data systems and pipelines.
- Strong foundation in database systems (SQL and NoSQL), data warehousing solutions, ETL tools and RESTful APIs.
- Extensive experience with spatiotemporal data processing in Python, R or similar.
- Experience working with large and complex datasets.
- Solid knowledge of distributed systems, experience with Amazon Web services, S3, MongoDB, PostgreSQL, Kafka.
- MSc degree in Mathematics, Statistics, Computer Science, science, or engineering.

You like clean code and good documentation, have experience in developing code as a team, and are not afraid of working with Terabytes of data. You have excellent interpersonal skills, sense of responsibility and proactivity and effective verbal and written communication in English; German is a plus.

Candidates must have Swiss or EU citizenship or Swiss work permit.

We offer a dynamic and international working environment linking climate change risks, index insurance and reinsurance. In addition, you will have the opportunity to work with leading-edge technologies for geographical data analysis and big data. CelsiusPro consists of a data-driven, motivated, and talented young team. If you are open for a new exciting challenge, please send us your complete application including your cover letter and CV by email.

Contact: info@celsiuspro.com



CelsiusPro AG

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