



DATA ARCHITECT AND AI ENGINEER

You will be responsible of coordinating the management of all data used in our research programs. You will be particularly involved in creating and maintaining the company Data Catalogue. This is an ideal role if you are passionate about understanding and evaluating the quality of data and algorithms. You will work in cross-functional teams, at the interface between our biomedical and engineering/AI researchers investigating real-world medical problems and building technology to solve them.

□ Essential job requirements

- MSc degree or PhD in computer science, big data, data science, machine learning, or any other relevant quantitative discipline. Knowledge of bioinformatics and/or computational biology would be a plus.
- Hands-on experience with Python, C/C++, SQL, and LINUX OS.
- Experience in data governance, such as cataloguing, lineage and master data management.
- Experience working with integrating a wide range of biomedical data types (e.g. genetics, genomic sequencing, images, clinical trial and/or real-world datasets).
- English: complete professional capabilities (spoken & written).

□ Duties and Accountabilities

- Establish data management strategies to ensure the company is optimally positioned to utilise all available data.
- Working with unstructured data and unsupervised machine learning, outlier detection, survival analysis and adversarial learning.
- Develop new approaches to evaluate the performance of AI and ML models in relation to key business objectives.
- Work as a member of a cross-functional team composed by specialists in biomedical sciences and AI/computer science. You will apply your expertise in artificial intelligence and machine learning to develop tools for drug discovery and development in an applied research setting.
- Bring research prototypes and features into Topazium's pipeline.

□ Valued Skills



- Self-learner, curious, creative thinking
- Enjoy working in a fast-paced, highly collaborative environment
- Proactive
- Team player
- Science oriented
- Ability to share knowledge and ideas between biomedical and engineering disciplines

Conditions & Compensation

- Employment contract
- Flexible schedule