

# DATA ANALYST

## WHO WE ARE

EarlyTracks provides solutions to produce interoperable medical records that are understandable by humans and machines. These structured medical records are a key driver for innovation in the healthcare industry as most new technologies depend on good data input to properly work: advanced clinical research, AI for clinical decision support, Business Intelligence solutions, and many more all require good input data or they simply don't work.

Producing meaningful structured medical records is an extremely difficult task given the complexity of the medical field. EarlyTracks is the European reference in answering these challenges and created advanced AI technologies such as a Medical NLP model to extract medical records from the medical texts produced by the doctors (currently for French & Dutch). Additionally, we also produce tools to manage and improve the quality of medical records.

Our customers are primarily care institutions (hospitals and alike) but we also work with other solution providers such as research companies and AI solutions.

The company is based in **Brussels** (EU district).

## JOB DESCRIPTION

As a Data Analyst, your responsibilities include conducting full lifecycle analysis of the information needs from our clients, assessing and monitoring the performance of our technologies and working with the technical team to improve and extend our product ranges.

The typical challenges are about the detection of the right medical entities in free texts, the relation between them and the correct codification in various terminological resources (SNOMED CT, ICD-10, UMLS...).

The Data Analyst works extensively with the Machine Learning Engineer, the Linguist Experts (NLP) and the Terminologists to find the most adequate solutions. The position also includes attending client meetings and conducting on-site missions (mostly due to GDPR restrictions).

## YOUR ROLE

- Interpret data, analyze results using statistical techniques and provide ongoing reports ;
- Develop and implement databases, data collection systems, data analytics and other strategies that optimize statistical efficiency and quality;

- Acquire data from primary or secondary data sources and maintain databases/data systems ;
- Identify, analyze, and interpret trends or patterns in complex data sets ;
- Conduct fine-grained assessment of our technologies performance and identify possible improvement tracks ;
- Implement and follow-up quality improvement processes ;
- Contribute to solve complex automation problems related to data production.

## WHO YOU ARE

### MUST HAVE SKILLS

- Master degree, preferably in Science-related field ;
- At least 3 years of proven working experience in Data Science or Data Analysis ;
- Technical expertise regarding data models, database design development ;
- Strong analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy ;
- Problem solving mindset with an analytical thinking ;
- Proficiency in either Dutch or French and good understanding of English.

### EXTRA POINTS FOR

- Experience in the healthcare field (medical management preferably) ;
- Experience with data mining and segmentation techniques ;
- Interest for linguistics and/or Natural Language Processing ;
- Experience using statistical packages for analyzing datasets ;
- Knowledge of German, French or Dutch (whichever is not proficient).

## WHAT'S IN IT FOR YOU

- Work on state-of-the-art technologies in a fast evolving healthcare industry ;
- Have a positive impact on society by making care more accessible and qualitative ;
- Enjoy flexible working hours and location to find the work mode that is the best for you.

## INTERESTED?

If you want to know more about the job and our company, send an email with your CV to [jobs@earlytracks.com](mailto:jobs@earlytracks.com). We will come back to you as soon as possible.