

Artificial intelligence expert (M/F)

Job description

We are looking for an Artificial Intelligence Expert to accelerate our platform's development.

You will work with an existing team and share the lead on processes like data collection, cleaning, and preprocessing.

You will then be in charge of training models and machine learning area.

Responsibilities/Tasks

- Development of **complex models and algorithms** as well as **predictive analyses** using advanced data science techniques (machine learning, deep learning, advanced statistics) ;
- Analysis of the performance and robustness of these models for **continuous optimization** ;
- Documentation of the different stages of development ;
- Technological watch on Machine Learning / AI tools.
- Understanding medical area and developing models related to health care's goals.
- Be able to read scientific article and analyze the ML algorithms that could be used to solve a given problem.
- Exploring and visualizing data to gain an understanding of it, then identifying differences in data distribution that could affect performance when deploying the model in the real world
- Verifying data quality, and/or ensuring it via data cleaning
- Work with actual team to improve data acquisition and cleaning processes
- Finding available datasets online when possible
- Defining validation strategies
- Defining the preprocessing or feature engineering to be done on a given dataset
- Defining data augmentation pipelines
- Training models and tuning their hyper parameters
- Analyzing the errors of the model and designing strategies to overcome them

Profile

- Experience with at least one deep learning frameworks (Tensorflow, Keras, Pytorch)
- Good knowledge of statistics and data modelling
- Proficiency with Python and basic libraries for machine learning such as scikit-learn and pandas.
- Proficiency with Spark
- Expertise in visualizing and manipulating big datasets
- Familiarity with Linux
- English mandatory (B1 minimum)