



SENIOR CONSULTANT - NLP ENGINEER

Sqilline is a software company that expertise in **Healthcare Big Data Technology, Machine Learning Algorithms and AI.**

We have developed an **Analytics Healthcare Platform for Real-World Data.**

Danny Platform is able to evaluate massive amounts of real-world data (structured and unstructured/free text) from multiple sources (EHRs, registries, labs, etc.) from the oncology, cardiology and other indications fields. The software provides comprehensive searches, in-depth analyses, predictions and treatment solutions to physicians, researchers, and payers.

Sqilline's data analytics capabilities enable hospitals, pharmaceutical companies and reimbursement agencies to gain insight into real-world evidence of patient care, particularly in this era of value-based care.

We are a leading SAP Partner in the areas of Precision Medicine, Life Science and Healthcare.

The company is looking for **Senior Consultant – Natural Language Processing (NLP) Engineer.** We are looking for the one to help us develop strong NLP system within Danny Platform and across a variety of scientific projects that we collaborate on.

As a Senior Consultant - NLP Engineer you will typically work as part of the data scientist team and will communicate with data scientist, administrators, data analysts, data engineers and data architects. You will also communicate with other IT personnel, software developers, sales, and management.

Acting as a bridge your focus will be statistical and model-building work and construction of NLP, ML and AI system.

Your role needs to assess, analyze, and organize large amounts of data, while also executing tests and optimizing NLP models and algorithms.

The **Senior Consultant NLP Engineer position** is open to remote applicants from Bulgaria, Romania, Cyprus, Ukraine, Poland, Hungary and Russia and is contracted per project.

NLP Engineer Qualifications include:

- Advanced math and statistics skills, covering subjects such as linear algebra, calculus, and Bayesian statistics
- Extensive experience in data science data processing and machine learning
- Extensive experience in Natural Language Processing pipelines (processing of unstructured textual data) and language models such as RoBERTa and XLNET. Practical experience in their applications toward data representation, named entity recognition, standardization, translation, topic modeling, etc
- Experience working with Machine Learning frameworks, libraries and packages like spaCy, nltk, Hugging Face, PyTorch and TensorFlow.
- Software engineering skills and knowledge in programming languages like Python, R and SQL.

Experience

- 4+ years of practical experience in ML
- 2+ years of practical experience in NLP ML.
- Prior experience working in a team-based setting
- Experience in working with clinical/healthcare data and clinical analyses, or prior experience in the pharmaceutical/healthcare industry is a plus

Responsibilities

- Design and help develop core NLP and ML functionalities
- Building tooling to improve the in-house end-to-end solutions (e.g., tools for facilitating labeling of datasets, etc.)
- Exploratory analyses and data cleansing in preparation for ML
- Research, designing and developing machine learning and deep learning systems to automate predictive models
- Evaluating appropriate language models data representations, model performances, model maintenance
- Implementing and productionize ML models

- Technical documentation of results and implementations. Prepare presentations and summaries to senior management and clients

If you are interested in the position, please contact us at:

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- www.sqilline.com