

DATA ANALYST, RADR™ A.I. PLATFORM

Lantern Pharma is seeking a talented and highly motivated Data Analyst to assist with all aspects of the development and maintenance of our RADR™ Data Catalog, a curated catalog of cancer research data from both public sources and proprietary internal studies and trials. The Data Analyst will collect data from various sources, provide data quality control and other data quality measures, and add it to the RADR™ Data Catalog using automation and engineering best practices to ensure high quality, consistently tagged datasets that can lead to efficient and reproducible results.

We are looking for an engineering-minded person who can quickly understand the problems our research and clinical scientists are trying to solve - someone to take a hands-on, collaborative, problem-solving approach.

RESPONSIBILITIES:

- Reporting directly to the Principal Software Architect
- Enabling various integrations with the catalog, such as aws lambda, slack, GraphQL or REST API
- Employing various data modeling techniques to ensure a seamless flow of data throughout the entire technology stack
- Collaborating with research scientists on data science projects using the RADR™ platform
- Developing an ontology for integrating the data catalog with AI and ML pipelines
- Ingesting data for public databases, 3rd party sources, and experimental results
- Implementing data visualization, such as QuickSight reports
- Producing nightly, weekly, and monthly reports
- Working on AI and ML projects, in collaboration with research scientists

BASIC QUALIFICATIONS:

- BS or MS in data science, computer science, engineering, the sciences or a related field
- Experience with one or more modern programming languages: Python, R, Java, and/or Scala
- Experience with Jupyter Notebook or similar
- Experience with AWS including s3, dynamodb, lambda
- Familiarity with NoSQL and SQL databases
- Knowledge of data modeling, database schema design, and ontology frameworks
- Familiarity with machine learning and artificial intelligence methods
- Basic knowledge of cancer biology, genomics and drug development
- Detail-oriented and self-motivated with strong reasoning skills based on data and benchmarking
- Excellent verbal and written communication skills and ability to present analyses to a multi-disciplinary team of clinicians, biologists, pharma executives and scientists

Lantern provides multiple growth opportunities and as an early team member, your work will have a direct impact on precision oncology that can transform drug development. In addition to attractive compensation, we offer employees the opportunity for competitive health, dental & vision insurance, stock options in a public company, an opportunity to take leadership on new and meaningful projects, & involvement with leading conferences & industry trade shows.

>>> Contact: jobs@lanternpharma.com