Employer Website

Location: 1840 East River Road, Suite 100, Tucson, AZ 85718 (Telework Permitted)

Title: Senior Data Analyst

Description:

Telework permitted, Critical Path Institute (Tucson, AZ) seeks a Senior Data Analyst to manage and process clinical and preclinical data used to support the research goals of C-Path consortia and other data collaboration projects; design and execute statistical models and simulations in support of data ingestion, curation, mapping, and delivery and platform development; lead the design and implementation of algorithms to QC and transform data for subsequent analyses; lead the development of applications to facilitate data analysis and retrieval or sharing of models developed by the Quantitative Medicine or Data Science Teams; lead the development of processes and workflows for cleaning, processing and analysis of large digital (e.g., imaging or digital health technologies), genomic, or text-based datasets; guide requirements gathering and testing of platforms and infrastructure for data analysis; contribute to defining road map and defining and prioritizing specific tasks within the scope of DA team deliverables; make decisions on which tools the DA team and consortia or projects should use, and contribute to decisions on which tools the DS Team and DCC should use; develop strategies for storing, transporting, managing, and analyzing large digital (e.g., imaging or digital health technologies) datasets; develop new algorithms for analyzing digital, genomic, or text-based clinical data and guide their use within the DA Team; represent the DA Team, DS Team, and DCC at internal and external stakeholder meetings and presentations; and publish first-authored papers on data science. Master's degree in Biomolecular Engineering, Life Science, Statistics, Data Management, Computer Science, Information Management, or Medical Technology; knowledge of statistical analysis techniques; knowledge of scripting languages (such as Python) for ETL (Extract, Transform, Load) functions; knowledge of data management principles; knowledge of Artificial Intelligence methods such as machine learning techniques; and up to 5% domestic travel required. Salary ranging $122,491.00/yr. to $152,915.00/yr. Send resume to Julie Strzyzewski, Senior Director, Human Resources, at jstrzyzewski@c-path.org with reference code: 14-W.