DATA ANALYST, School of Medicine, Genetics, Molecular Medicine

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Job Description

DATA ANALYST, School of Medicine, Genetics, Molecular Medicine

Category
Boston University Medical Campus --> Professional
Job Location
Boston, MA, United States
Tracking Code
26500048390219
Posted Date
2/19/2026
Salary Grade
Grade 47
Expected Hiring Range Minimum
$62,600.00
Expected Hiring Range Maximum
$81,200.00

The salary of the finalist selected for this role will be set based on a variety of factors, including but not limited to departmental budgets, qualifications, experience, education, licenses, specialty, training and internal pay comparison. The above hiring range represents the University's good faith and reasonable estimate of the range of possible compensation at the time of posting.

Position Type
Full-Time/Regular

Operating within a highly collaborative global research network for Alzheimer's disease at Boston University School of Medicine, the successful applicant will:

1. Maintain and update web-based database systems for Alzheimer's disease.
2. Develop and implement artificial intelligence (AI) and machine learning (ML) pipeline and software tools for patient subtyping, target prioritization, and drug repositioning projects for Alzheimer's disease.
3. Conduct high-level AI-enabled analyses across diverse data modalities including genomics and multi-omics data, alongside imaging, fluid biomarker, digital health, and drug data.

4. Manage code repositories, standardization of software tools, and comprehensive technical documentation for reproducible research.
5. Prepare reports and manuscripts.
6. Provide technical support and train to a multidisciplinary team of faculty and trainees.

Required Skills
This position requires a Bachelor's degree with 2+ years of work experience or a Master's degree in Computer Science or Software Engineering. Successful candidates demonstrate significant experience in AWS/Linux cloud environments and GitHub/GitLab repository and advanced proficiency in AI programing and tools such as Python, R Shiny, and frameworks for Large Language Models (LLMs) or Graph Neural Networks (GNNs).

We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, natural or protective hairstyle, religion, sex, age, national origin, physical or mental disability, sexual orientation, gender identity, genetic information, military service, pregnancy or pregnancy-related condition, or because of marital, parental, or veteran status. We are a VEVRAA Federal Contractor.

Required Skills

Job Location: Boston, MA

Position Type: Full-Time/Regular

Salary Grade: $62,600.00-$81,200.00

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