



Title 21 Vacancy Announcement
Department of Health and Human Services (HHS)
Food and Drug Administration (FDA)
Center for Devices and Radiological Health (CDRH)
Office of Strategic Partnerships and Technology Innovation (OST)
Division of Technology and Data Services (DTDS)

Application Period: September 7, 2023 – October 5, 2023

Work Schedule: Full-Time

Area of Consideration: United States
Citizenship is required. You must be a U.S. Citizen or U.S. National. Foreign nationals or legal permanent residents are not eligible for consideration.

Salary: Salary is commensurate with education and experience and starts at \$132,368.00

Cures Band(s): Band D

Position: Data Scientist (Business Data Architect)

Full Performance Band Level: Band D

Travel Requirements: This position requires less than 25% of travel

Series: [0301](#)

Bargaining Unit: 8888

Location(s): Remote Eligible

This position is being filled under a stream-lined hiring authority, Title 21, Section 3072 of the 21st Century Cures Act. The candidate selected for this position will serve under a career or career-conditional appointment and be paid under the provisions of this authority.

Additional information on 21st Century Cures Act can be found here:

[**21st Century Cures Act Information**](#)

Introduction

The Food and Drug Administration (FDA or Agency) is the regulatory, scientific, public health and consumer protection agency responsible for ensuring all human and animal drugs, medical devices, cosmetics, foods, food additives, drugs and medicated feeds for food producing animals, tobacco and radiation emitting devices safe, and effective.

The mission of [CDRH](#) is to protect and promote the public health by performing essential public health tasks by making sure that medical devices and radiological health products are safe for people in the United States. The [Office of Strategic Partnerships and Technology Innovation | FDA](#) (OST) provides leadership for all scientific collaborative and emerging technology related activities at CDRH. We represent CDRH with a broad and diverse array of national and

international entities including other government agencies, Congress, industry, academia, consumer and patient organizations, and healthcare professional organizations, with mutual interests in medical devices and radiation-emitting products.

Duties/Responsibilities

The Data Scientist will serve as a Business Data Architect in the Division of Technology and Data Services. The incumbent is responsible for analyzing the data requirements of the CDRH organization and intersecting those needs with the business requirements to create guiding data solution design and architectures which meet the organizational needs. This individual serves as a recognized authority on data architecture and the underlying business components. Assist with leading the design, development, implementation and maintenance of complex data systems and solutions. The incumbent works closely with the business teams to understand the end user requirements and subsequently lead the development of the conceptual, logical, and physical data models to support those needs. The incumbent is responsible for designing, developing, and maintaining current and target state data architecture. This individual works closely with the Data Manager to provide infrastructures which support the transformation of information from target to sources.

The incumbent will work collaboratively with others to define and manage standards, guidelines and processes which ensure data quality and trustworthiness. They will work to impart technology solutions which are in alignment with best practice standards and manage the complete end-to-end lifecycle of data.

This individual is responsible for providing expert advice on technology projects which include data. They work with their business partners to understand and translate requirements for data use, analysis, and quality into data technology architecture solutions. They support the identification and aggregation of data from both internal and external sources and will create data architecture solutions which support those sources. They also guide solution design, incorporating data and data integration requirements, while continually scanning the landscape for new solutions which may accommodate big data more appropriately. The incumbent enhances business value by identifying new opportunities to leverage and integrate data. identify new opportunities to leverage data and to integrate data which will enhance business value.

Qualifications

To be placed into a Cures position, candidates must meet the following criteria:

1. Scientific, Technical, and Professional Fields
2. Qualified and Outstanding Candidates

- a. **Qualified** applies to all candidates for Cures appointments. The FDA OTS will use the basic requirements defined in the [OPM Qualification Standards](#) as a baseline for comparing experience levels and other candidate attributes for relevant positions.
- b. **Outstanding** candidates can be defined by existing outstanding work experience, outstanding performance rating, or both.

In order to qualify for this Title 21 Cures position, the candidate(s) must meet the following **required** qualifications. *Please note: Additional education and experience listed that is not indicated as **required** is preferable and desired. Candidates who do not meet the “desired” criteria will **not** be excluded from consideration for this position.*

Desired Professional Experience:

- Expert knowledge of data architecture and the tools and techniques to standardize them.
- Ability to relate business needs to architectural designs.
- Strong analytic and problem-solving skills
- Able to communicate across all levels of the organization and work with diverse projects and teams.
- Strong knowledge of data management, integration, and expert database development techniques.
- Ability and desire to regularly learn and adopt new technologies and methodologies into their work.
- Extensive experience in data warehousing, data modeling.
- Ability to craft usable and analytic-focused database architecture.
- Extensive experience with various database technologies.
- Experience with ETL and other business intelligence tools.
- Expert in developing reference architecture, principles, and standards.

How to Apply

Submit resume or curriculum vitae, transcripts with cover letter by **October 5, 2023**, to CDRHRecruitment@fda.hhs.gov. Compile all applicant documents into **one** combined document (i.e., Adobe PDF). Candidate resumes may be shared with hiring official within the CDRH with a similar job vacancy. Candidates can opt out of this process by annotating resume with “do not share”. Please include the following Job Reference ID in the subject line of your email submission: **CDRH/OST/DTDS Data Scientist PBM-3231**

PHS Commissioned Corps Officers interested in performing the duties of this position within the Commissioned Corps may apply to this announcement. Officers must follow the instructions for how to apply and include their most recent orders in addition to the required documents. If selected, candidates will be referred to (CC) personnel and not as candidates for a Cures appointment.

Educational Transcripts

SUBMITTING YOUR TRANSCRIPTS: Positions which are scientific or technical in nature often have very specific educational requirements. A transcript is required to verify educational achievement. Pay careful attention to the Qualifications and Education sections to identify vacancies where a transcript is required. Even if you hold a similar position or are a current FDA employee, you are not exempt from transcript requirements.

FOREIGN EDUCATION: If you are using education completed in foreign colleges or universities to meet the qualification requirements, you must show that the education credentials have been evaluated by a private organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. education program; or full credit has been given for the courses at a U.S. accredited college or university. For more information about this requirement, please visit the [U.S. Department of Education website for Foreign Education Evaluation](#).

Conditions of Employment

- U.S. Citizenship requirement or proof of being a U.S. National must be met by closing date.
- Employment is subject to the successful completion of a background investigation, verification of qualifications, completion of onboarding forms, submission of required documents, and any other job-related requirement before or after appointment.
- Applicants must meet all qualification requirements by the closing date of this announcement.
- Direct Deposit: You will be required to have all federal salary payments electronically deposited into a bank account with a financial institution of your choice.
- FDA participates in e-Verify: All new hires must complete the I-9 form; this information will be processed through e-Verify to determine your employment eligibility. If a discrepancy arises, you must take affirmative steps to resolve the matter.
- Males born after December 31, 1959, must be registered with the Selective Service.
- Financial Disclosure may be required.
- Ethics Clearance may be required.
- Background Investigation/Security Clearance is required. All employees must pass a security investigation. Failing to pass the background check may be grounds for removal or legal action. If hired, you may be subject to additional investigations at a later time.

Security Clearance Requirements

Background Investigation/Security Clearance Requirements: This position requires a *Public Trust* security clearance.

Ethics Clearance Requirements

This position may require financial disclosure reporting and will be subject to FDA's prohibited financial interest regulation. If you are hired, you may be required to divest of certain financial interests. You are advised to seek additional information on this requirement from the hiring official before accepting any job offers. For more information, please visit the FDA Ethics web page: <https://www.fda.gov/about-fda/jobs-and-training-fda/ethics>.

Equal Employment Opportunity

Equal Employment Opportunity Policy

The United States Government does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy and gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization, retaliation, parental status, military service, or other non-merit factor. [Equal Employment Opportunity \(EEO\) for federal employees & job applicants](#)

Reasonable Accommodation

Reasonable Accommodation Policy

Federal agencies must provide reasonable accommodation to applicants with disabilities where appropriate. Applicants requiring reasonable accommodation for any part of the application process should follow the instructions in the job opportunity announcement. For any part of the remaining hiring process, applicants should contact the hiring agency directly.

Determinations on requests for reasonable accommodation will be made on a case-by-case basis. A reasonable accommodation is any change to a job, the work environment, or the way things are usually done that enables an individual with a disability to apply for a job, perform job duties or receive equal access to job benefits. Under the Rehabilitation Act of 1973, federal agencies must provide reasonable accommodations when: An applicant with a disability needs an accommodation to have an equal opportunity to apply for a job. An employee with a disability needs an accommodation to perform the essential job duties or to gain access to the workplace. An employee with a disability needs an accommodation to receive equal access to benefits, such as details, training, and office-sponsored events. You can request a reasonable accommodation at any time during the application or hiring process or while on the job.

Requests are considered on a case-by-case basis. Learn more about [disability employment and reasonable accommodations](#) or [how to contact an agency](#).

E-Verify

The Food and Drug Administration participates in the USCIS Electronic Employment Eligibility Verification Program (E-Verify). E-Verify helps employers determine employment eligibility of new hires and the validity of their Social Security numbers.

Announcement Contact

For questions regarding this Cures position, please contact Courtney Miss at Courtney.Miss@fda.hhs.gov

The Department of Health and Human Services is an equal opportunity employer with a smoke free environment.

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