

## Data Scientist/Informatics Analyst-Development Sciences Informatics

Job ID: 201808-119378

**Job Function**

Automation Engineering

**Schedule**

Full time

**Location**

United States of America - California  
South San Francisco

**Job type**

Regular

**Company/Division**

Pharmaceuticals

**Job Level**

Individual contributor

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### The Position

We are seeking a talented and motivated data scientist to join the Development Sciences Informatics team. Development Sciences (Dev Sci) is a translational science organization that plays a critical role in Genentech Research and Early Development as well as late stage development of our products at Roche. Dev Sci supports drug discovery and development projects across all therapeutic areas from discovery to launch and beyond. We are poised at a unique time when large volumes of complex and varied internal and external data for Dev Sci areas such as Biomarker, PK/PD, Diagnostics, Safety Assessment and Bio-analytical need to be readily accessible to ensure that swift interpretation and decision making can occur. These data impact decisions in ongoing preclinical and clinical programs, and provide key knowledge to inform new target discovery. DevSci Informatics is accountable for leading the strategy and execution around data lifecycle management, data standards, analytics infrastructure, ongoing data operations and informatics systems.

**Major Responsibilities:**

The Informatics Analyst will analyze the large quantity of diverse scientific data that Development Sciences generates in alignment with scientific objectives in Development Sciences.

- Work with scientific stakeholders to access, process, visualize, and analyze large volumes of diverse data
- Conduct ad hoc analysis to support development sciences business needs
- Develop data analysis solutions and communicate results/recommendations to scientists
- Act as a consultant and assess and apply new machine learning methods to specific problem domains.
- Collaborate and guide data management teams to ensure the right data is collected in the optimal format.
- Work extensively with scientists, research associates and clinical scientists,

statisticians and data base specialists across the company.

- Contribute to best practices on the management of development data and the application of advanced analytical techniques

### **Competencies and Qualifications:**

- Strong analytical and problem-solving skills
- Solid understanding of key machine learning concepts and algorithms and experience with applying them towards solving business problems.
- Able to work in teams and collaborate with others to solve challenging business problems
- Proficiency in Python or R
- Excellent people, analytical, and written/verbal communication skills.
- Prior image analysis, bioinformatics, and publication experience is a huge plus.
- Prior experience leading cross functional multi-disciplinary teams is a huge plus
- MS/Ph.D in Bioinformatics, Computer Science, Statistics, or related disciplines with at least 3 years of relevant experience in an academic institution or a pharmaceutical/biotech company.
- Proven track record of leading and delivering data management and analysis, with the ability to apply this knowledge to existing and new scientific and operational challenges.
- Familiarity with LIMS systems, relational databases, data visualization tools (e.g., Spotfire), and prior experience analyzing biomarker data are desired.

### **Who We Are**

A member of the Roche Group, Genentech has been at the forefront of the biotechnology industry for more than 40 years, using human genetic information to develop novel medicines for serious and life-threatening diseases. Genentech has multiple therapies on the market for cancer & other serious illnesses. Please take this opportunity to learn about Genentech where we believe that our employees are our most important asset & are dedicated to remaining a great place to work.

Genentech is an equal opportunity employer & prohibits unlawful discrimination based on race, color, religion, gender, sexual orientation, gender identity/expression, national origin/ancestry, age, disability, marital & veteran status. For more information about equal employment opportunity, visit our [Genentech Careers page](#).