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# Example of Statistical Scientist Job Description

Our innovative and growing company is looking to fill the role of statistical scientist. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for statistical scientist

* Apply and develop robust statistical and computational approaches to analyze population genomic and phenotypic data to enable disease/target/biomarker identification and evaluation, exploring mechanism of action, and identification of genetic causal links to disease or subtypes of disease
* Work closely with project teams and functional areas to identify and provide computational solutions to address key biological questions, including identifying datasets, formulating hypothesis, developing and implementing analytical solutions
* Evaluate and develop bioinformatics methods to integrate, summarize and report genetic, genomic, and other omics data, examples include GWAS, RVAS, Mendelian randomization, RNA-seq, scRNA-seq, WES/WGS, Hi-C and many other emerging high-throughput genomics, epigenomics, proteomics, and metabolomics data
* Accountable for the quality and timely delivery of datasets and displays required for their clinical study reports other asset level deliverables they may be programming
* Ensures appropriate documentation and QC across the lifespan of the study for all of their programming deliverables
* Will be knowledgeable in core safety standards TA standards pertinent to their project, may aid in development of standards necessary for their study
* Overhead work (time sheets/training departmental meetings )
* You will act as a regional technical expert supporting the delivery of statistical outputs within the area of Biostatics and provides statistical consultancy
* Develop operational systems and research processes across area of responsibility to increase the effectiveness and efficiency of projects
* Act as a source of knowledge in area of expertise, defining and communicating important initiatives across departments and functions

## Qualifications for statistical scientist

* Experience in the Oncology clinical trial environment working with oncology cancer data, completing statistical programming deliverables for Clinical Study Reports
* BS plus a minimum of 5 years or MS plus a minimum of 3 years SAS / R programming experience in a clinical trial environment
* Broad knowledge and significant experience in developing analysis and reporting statistical programming deliverables (datasets, statistical analysis, report tables and graphics) for research and development projects
* Significant experience in SAS and clinical trial programming including data steps, procedures, SAS/MACRO, SAS/GRAPH, graphics experience
* Utilizes and contributes to the development of standard departmental SAS macros
* Understanding of statistical terminology and concepts