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# Example of Research Statistician Job Description

Our company is hiring for a research statistician. 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 research statistician

* Working with the client on sampling issues, providing technical information on the types of analyses, limitations of the data, and strengths/weaknesses of various sampling strategies
* A doctorate and or equivalent research experience in a relevant discipline area, such as statistics, data science, or in a relevant application domain
* Demonstrated ability to manipulate, analyse and make inference from data
* Demonstrated ability and willingness to incorporate novel approaches and/or create new ideas into scientific investigations in other research fields
* Analyzes, interprets and reports research data
* Designs, manages and maintains multiple clinical research databases
* Performs miscellaneous tasks related to statistical support
* Provides consultation and education to physicians/researchers on experimental design, statistical methodology and research hypothesis
* Writes statistical sections of grants and manuscripts
* Critically evaluate data for quality measures such as completeness, accuracy, and applicability, applying understanding of relevant research area nomenclature

## Qualifications for research statistician

* Proficient with standard office software (Microsoft Word, Excel, and PowerPoint Internet applications) and the ability to learn new computer applications
* Experience in Mendelian randomisation and or genome-wide association studies
* Experience with UK Biobank datasets
* Maintain current knowledge of publications and scientific progress in areas of applied statistics and biostatistics
* Act and be recognized as an internal and external thought leader in statistics
* Facilitate efficient knowledge sharing across Elanco to ensure robust problem solving