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# Example of Statistician Senior Job Description

Our company is looking to fill the role of statistician senior. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for statistician senior

* Data analysis responsibilities include sample design, data prep, identification of appropriate analytic and statistical methodology, development and documentation of process and results
* Collaborating with researchers on experimental design, data analysis, and the interpretation and clear communication of results
* Manages statistical output for clinical studies
* Review, synthesize, interpret and report analysis results
* Perform protocol development, sample size calculation, protocol and CRF review and also advise data management staff on database design, and critical data
* Interpret analysis and craft statistical sections of integrated reports
* Manage customer relationships and provide training and mentorship to junior staff members and newcomers
* Have excellent written and oral presentation skills including grammatical/technical writing skills and pay attention to the details
* Have in-depth knowledge of applicable clinical research regulatory requirements
* Take strong individual initiative, show dedication to quality and present excellent organization skills

## Qualifications for statistician senior

* Master’s degree with 3+ years of experience or PhD in data science, (bio)statistics, applied statistics, applied mathematics, machine learning, or similar fields preferred
* Experience with demonstrated expertise in statistics and/or machine learning research methodologies required
* Strong communication skill and proficient project management experience
* Experience in a regulated environment such as medical devices or pharmaceuticals
* Ability to provide project leadership to colleagues and management in innovative statistical techniques
* Master’s level training required, Ph.D