Stryker
Portage, Michigan

Requisition ID 17587BR
Job Title Statistician II
Group MedSurg and Neurotech
Division Instruments
Business Unit Shared Services
Business Function Research and Development
Country United States
State/Province MI
City Kalamazoo
Employment Category Full Time
Percent Travel Required Up to 20%
Shift 1st

About Stryker
Stryker is one of the world’s leading medical technology companies and together with our customers, we are driven to make healthcare better. The Company offers a diverse array of innovative medical technologies, including reconstructive, medical and surgical, and neurotechnology and spine products to help people lead more active and more satisfying lives. Stryker products and services are available in over 100 countries. All qualified applicants will receive consideration for employment without regard to race, ethnicity, color, religion, sex, gender identity, sexual orientation, national origin, disability, or protected veteran status. Stryker is an EO employer – M/F/Veteran/Disability.

Job Description / Information
The Statistician II role will be focused on applying data principles and statistical methodology in a variety of business applications for Stryker products connected to the LINK Platform. This role will enable the statistician to become an expert in the data and statistical applications associated with product engineering, econometric forecasting, service optimization, and quality trending. The statistician will help identify and prepare the data needed to optimize the business value of analytical results and statistical algorithms for connected Stryker products.

Apply an innovative, data-driven, and analytical thought process into how data associated with connected products can be utilized at Stryker to solve problems and enable intelligent insights. Design and prototype specifications for analysis-ready data-sets and statistical applications.
Verify the correctness, accuracy and precision of analysis-ready data-sets and statistical applications applicable to connected products.
Assist multi-disciplinary teams with identifying research objectives and data required to support these research objectives for connected products.
Be a technical resource to drive and understand the utilization and visualization of data associated with connected products across multiple divisions.
Assist with the creation, implementation, and maintenance of data and analytics’ governance initiatives.
Assist with creation, implementation and operationalization of statistical learning / machine learning algorithms in a cloud-based environment.
Manage multiple projects at varying stages of maturity towards an end goal of connecting to the LINK Platform.
Respond to data-related queries in an expert, timely, and efficient manner.

Minimum Qualifications

Medium work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force constantly to move objects.

Must be able to communicate with large groups of people.
Must be able to review printed material.
Must be able to communicate telephonically.
Must be able to use common office equipment (e.g. calculator, PC, fax machine, etc.).
Up to 5% travel annually
Must be able to analyze and resolve non-routine product data issues using independent judgment.
Must be able
Minimum of 3 years of combined work experience in an industry environment and/or academic setting.
Strong background in theoretical statistics and calculus-based regression techniques.
Preferred background in data mining, statistical learning, and machine learning techniques.
Areas of data and analytics experience pertain to one or more of the functional areas: product design, service, manufacturing, failure analysis, product engineering, technical marketing, or quality.
Experience in the creation of analysis-ready data sets, application of statistical techniques, and generation of data visualizations on large volumes of data from disparate sources across complex business processes and functions.
Proficiency in statistical programming languages: R or S+.
Excellent interpersonal, analytical, and organizational skills with the ability to adapt and adjust to changing priorities.
Strong organizational, written, verbal, communication and relationship-building skills.
Positive attitude and the ability to work well with others.

Must be able to observe and correct minute inconsistencies (e.g. the printed word, product appearance, etc.)

M.S. degree in Statistics