George Smith

Biostatistician

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Profile Summary

Experienced Biostatistician with over 7 years in the pharmaceutical and healthcare industry, specializing in the application of statistical methodologies to improve patient outcomes. Excels in data analysis, study design, and leveraging insights to drive evidence-based decision-making. Dedicated to advancing healthcare through meticulous research and collaboration.

Work Experience

Senior Biostatistician

Pfizer Inc.
1st May, 2018 - Present

- Led a team of statisticians in designing Phase III clinical trials, resulting in a 30% improvement in patient recruitment efficiency.
- Developed robust statistical models for efficacy analyses, contributing to 5 successful FDA submissions.
- Collaborated with cross-functional teams to streamline data processing workflows, reducing analysis time by 20%.

Biostatistician

Johnson & Johnson
1st June, 2015 - 30th April, 2018

- Performed survival analysis and longitudinal data analysis for oncology studies, improving predictive accuracy by 25%.
- Implemented data visualization tools that enhanced the interpretation of clinical trial results, improving stakeholder communication.
- Provided statistical expertise for over 25 peer-reviewed publications and presentations at international conferences.

Education

Harvard University

Master of Science in Biostatistics
1st Sep, 2013 - 31st May, 2015

University of California, Berkeley

Bachelor of Science in Statistics
1st Sep, 2009 - 30th May, 2013

Skills

Statistical Analysis, Data Management, SAS, R Programming, Clinical Trials, Data Visualization,

Predictive Modeling

Notable Projects

Cancer Epidemiology Study
Developed a comprehensive statistical model that identified key risk factors in a large-scale cancer epidemiology study, influencing prevention strategies.

Patient Outcomes Analysis
Led a project that utilized big data analytics to assess patient outcomes, providing actionable insights to optimize treatment protocols.

Certifications

Certified Biostatistician
Issued by Biometric Society, 1st Feb, 2020

Awards

Excellence in Data Science
Awarded by American Statistical Association, 15th Nov, 2019