John Doe

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SKILLS

R · SAS · SQL · Python · Bayesian Statistics · Predictive Modeling · Longitudinal Data Analysis · Data Cleaning · Data Visualization · Clinical Trials · Epidemiological Research · CDISC (SDTM, ADaM) · Regulatory Submissions · Statistical Programming · Statistical Analysis Plans · Study Design

EXPERIENCE

Precision Health Analytics **Jan. 2024 – Present**

Senior Biostatistician

· Led analysis on a study using 10+ years of longitudinal data, determining that patients with both Type 2 diabetes and chronic kidney disease had a 45% increased mortality risk compared to non-comorbid patients.
· Developed generalized linear models to quantify a 38% reduction in dementia progression rates following intervention.
· Conducted survival analysis using R to assess treatment efficacy, improving patient stratification for ongoing Phase III trials by identifying a 32% higher response rate in a specific biomarker subgroup.
· Mentored and led a team of 3 junior biostatisticians to streamline internal workflows by modularizing statistical scripts and automating routine analyses

MedData Insights **Jan. 2021 – Dec. 2023**

Biostatistician

· Applied mixed-effects models to assess within-subject variability in systolic blood pressure fluctuations, showing a 21% higher variability in patients with uncontrolled hypertension over a 12-month follow-up.
· Designed a predictive model for adverse event likelihood, increasing early detection rates by 29% in post-market surveillance studies.
· Standardized and validated CDISC-compliant datasets (SDTM/ADaM) for FDA and EMA regulatory submissions, reducing data inconsistencies by 35%.
· Contributed to statistical analysis plans (SAPs) for 3 clinical trials, leading to regulatory approval of a novel therapy.

PROJECTS

· Heart Disease Prediction - Developed a logistic regression model with 87% accuracy for classifying heart disease risk using a publicly available dataset.

PUBLICATIONS

· "Evaluating the Long-Term Impact of Antidiabetic Medications on Cardiovascular Outcomes: A Nationwide Retrospective Study." Journal of Biostatistical Research, 2024.
· "Real-World Insights into the Effectiveness of Immunotherapy in Non-Small Cell Lung Cancer Patients." Clinical Data Science Review, 2023.

EDUCATION

Johns Hopkins University **Sep. 2019 – Dec. 2020**

M.S in Biostatistics

· Relevant coursework: Survival Analysis, Clinical Trials Methodology, Bayesian Statistics.

Harvard University **Sep. 2016 – Jul. 2019**

B.S in Applied Mathematics (BSc)

· Relevant coursework: Probability Theory, Statistical Inference.