SP

Sophia Patel

Biostatistician transforming medical research through data-driven insights

Analytical biostatistician with over seven years of experience designing experiments, conducting statistical modeling, and interpreting large health datasets. Skilled in Statistical Analysis Software (SAS), R, and machine learning applications for clinical trials.

CONTACT

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🪪 Boston, MA

KEY SKILLS

- Clinical trial analysis
- Data mining
- Experimental design
- Predictive modeling
- Statistical programming (SAS, R)

PROFESSIONAL EXPERIENCE

SENIOR BIOSTATISTICIAN | BOSTON HEALTH RESEARCH INSTITUTE, BOSTON, MA
JUNE 2019 – PRESENT

- Lead statistical analysis for Phase III clinical trials supporting new oncology drug approvals
- Develop predictive models that improve patient stratification accuracy by 22%

BIOSTATISTICIAN | MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MA
SEPTEMBER 2016 – MAY 2019

- Supported over 20 research studies with experimental design and statistical evaluation
- Automated data cleaning pipelines, reducing analysis preparation time by 30%

EDUCATION

Bachelor of Science (B.S.) in Biostatistics | Boston University
Boston, MA | May 2015