MA

MICHAEL ANDERSON

PREDICTIVE ANALYST

CONTACT

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📍 San Francisco, CA

SKILLS

- R
- Python
- SQL
- Healthcare Analytics
- Machine Learning
- Tableau

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF PUBLIC HEALTH IN BIOSTATISTICS, HEALTH UNIVERSITY

ACHIEVEMENTS

- Improved patient care pathways, resulting in a 25% reduction in readmission rates.
- Awarded Best Paper at the Annual Healthcare Analytics Conference.
- Successfully led a project that streamlined data reporting processes, enhancing efficiency.

PROFILE

With over 5 years of experience as a Predictive Analytics Scientist in the healthcare industry, I specialize in utilizing data analytics to improve patient outcomes and optimize operational efficiency. My expertise lies in developing predictive models that identify high-risk patients and forecast treatment responses. I have a strong background in statistical analysis and machine learning techniques, enabling me to translate complex data into actionable insights.

EXPERIENCE

PREDICTIVE ANALYST

Health Analytics Solutions

2016 - Present

- Developed predictive models to identify patients at risk of readmission.
- Collaborated with healthcare providers to implement data-driven care pathways.
- Utilized R and Python for statistical analysis and model development.
- Presented analytics findings to stakeholders, leading to improved patient interventions.
- Automated data collection processes, reducing reporting time by 40%.
- Contributed to research initiatives that improved treatment protocols based on predictive insights.

DATA ANALYST

Clinical Research Institute

2014 - 2016

- Conducted data analysis to support clinical trials and research studies.
- Developed dashboards to visualize patient data and outcomes for research teams.
- Worked with large datasets to derive insights into treatment effectiveness.
- Implemented machine learning algorithms to predict patient responses to therapies.
- Collaborated with IT to enhance data management and integrity.
- Published findings in peer-reviewed journals, advancing knowledge in healthcare analytics.