MA

MICHAEL ANDERSON

DATA SCIENTIST

CONTACT

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SKILLS

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

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN DATA SCIENCE, HEALTH UNIVERSITY, 2019

ACHIEVEMENTS

- Contributed to a project that won the Best Innovation Award at the HealthTech Conference.
- Improved data collection processes, increasing efficiency by 20%.
- Published research findings in a healthcare journal, enhancing clinical knowledge.

PROFILE

Enthusiastic and results-driven Applied Data Scientist with over 3 years of experience in the healthcare sector. My expertise lies in leveraging machine learning algorithms to derive actionable insights from complex medical data. I have successfully collaborated with healthcare professionals to enhance patient outcomes through data-driven solutions.

EXPERIENCE

DATA SCIENTIST

HealthTech Solutions

2016 - Present

- Developed machine learning models to predict patient readmission rates, reducing them by 15%.
- Collaborated with healthcare teams to analyze treatment outcomes and enhance patient care protocols.
- Created interactive dashboards using Tableau to visualize patient data trends for clinical staff.
- Utilized Python to clean and preprocess large datasets, improving data quality for analysis.
- Conducted statistical analyses to identify factors influencing patient health outcomes.
- Presented analytical findings to stakeholders, driving data-informed decisions in treatment planning.

DATA ANALYST INTERN

City Hospital

2014 - 2016

- Assisted in collecting and analyzing patient data for clinical research projects.
- Utilized Excel to create reports on patient demographics and treatment outcomes.
- Participated in team meetings to discuss data findings and implications for clinical practice.
- Supported the development of a predictive analytics tool for patient management.
- Performed data entry and validation to ensure accuracy in the hospital's database.
- Gained experience in applying statistical methods to real-world healthcare scenarios.