# MA

# Michael
## ANDERSON

## EDUCATIONAL DATA SCIENTIST

## CONTACT

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- San Francisco, CA

## SKILLS

- Educational Data Analysis
- Predictive Modeling
- SPSS
- Python
- Data Visualization
- Curriculum Development

## LANGUAGES

- English
- Spanish
- French

## EDUCATION

**MASTER'S IN EDUCATIONAL PSYCHOLOGY, UNIVERSITY OF MICHIGAN**

## ACHIEVEMENTS

- Played a key role in a project that received a national award for innovative educational practices.
- Developed a data analysis framework adopted by multiple educational institutions.
- Recognized for outstanding contributions to student success initiatives with the 'Educator's Excellence Award'.

Dedicated Behavioral Modeling Scientist with a focus on education technologies and over 7 years of experience in analyzing student data to enhance learning outcomes. Skilled in employing statistical methods and machine learning techniques to identify factors affecting student success and engagement. Demonstrated ability to work collaboratively with educators and administrators to implement data-driven interventions that improve educational practices.

## WORK EXPERIENCE

### EDUCATIONAL DATA SCIENTIST
LearnSmart Solutions
2020 - 2025

- Developed predictive models that identified at-risk students, resulting in a 20% increase in retention rates.
- Collaborated with educators to design interventions based on data findings, enhancing student engagement.
- Utilized Python and SPSS for data analysis and reporting, streamlining data processes.
- Conducted workshops for faculty on data literacy and its application in teaching.
- Analyzed survey data to improve course offerings and teaching methodologies.
- Presented findings at educational conferences, promoting data-driven practices in schools.

### DATA ANALYST
EdTech Innovations
2015 - 2020

- Analyzed student performance data to inform curriculum development, achieving a 15% improvement in test scores.
- Collaborated with software developers to enhance learning platforms based on user feedback.
- Implemented data tracking tools to measure the effectiveness of educational programs.
- Facilitated focus groups with students to gather qualitative data on learning experiences.
- Developed dashboards for real-time monitoring of student progress.
- Engaged in continuous professional development to stay informed on educational trends.