

MICHELLE SANDERS

Data Scientist | Machine Learning | Analytics

@ Email [linkedin.com](#) 📍 Chicago, Illinois

SUMMARY

With 7 years of experience in the domain of data science and analytics, I bring a proven knowledge of complex problem solving, machine learning, and strategic data analytics. Standout achievements include developing a predictive ad model and implementing a real-time analytics platform.

EXPERIENCE

Data Scientist

Facebook

2018 - Present 📍 Chicago, IL

Developed and implemented machine learning models for user behavior prediction.

- Developed a machine learning model to predict user behaviour, which improved click-through rates on ads by 20%
- Managed large datasets, improved procedures resulting in 30% time saved in data pre-processing
- Liaised with teams to understand business needs, translated into analytics & executed strategy, which increased conversions by 15%

Data Analyst

IBM

2015 - 2018 📍 Chicago, IL

Analyzed large volumes of data to derive actionable insights.

- Implemented a big data platform for real-time analytics that increased processing speed by 35%
- Designed and conducted A/B testing which resulted in 10% increase in user engagement
- Analyzed data from various sources to develop insights used to drive business strategies

Junior Data Analyst

Google

2013 - 2015 📍 Chicago, IL

Worked with the analytics team to maintain and develop reports.

- Implemented improvements to data collection which increased data accuracy by 25%
- Assisted with database design and data cleaning, improving data quality and integrity
- Involved in developing ETL processes for new data sources

EDUCATION

Master's in Computer Science with specialization in Data Science

University of Chicago

2011 - 2013 📍 Chicago, IL

STRENGTHS

★ Complex Problem Solving

Developed a machine learning model to predict user behaviour, improving targeted advertising by 30%

⚙️ Machine Learning

Streamlined data processing tasks by implementing automation tools, boosting efficiency by 45%

🏆 Leadership

Successfully led a project involving the restructuring of the company's data architecture

SKILLS

Big Data Data Visualization

Statistical Analysis Python R

SQL ETL Machine Learning

AI

CERTIFICATION

Certificate in Data Science

Johns Hopkins University (Coursera)

Machine Learning

Stanford University (Coursera)

EDUCATION

Bachelor's in Computer Science

University of Illinois

2007 - 2011 Urbana-Champaign, IL