

Senior Data Scientist

Highly skilled and accomplished Senior Data Scientist with 6 years of extensive experience leveraging BI technologies, big data, and machine learning algorithms to build predictive models and generate insights. Led teams in the development of an R&D pipeline and redesigned existing data models to achieve cost savings and sensitivity increases; drove an increase of 15% in overall revenue and 25% in target user engagement. Authored an effective customer acquisition strategy resulting in a 30% increase in inbound leads and a 25% decrease in customer churn.

WORK EXPERIENCE

- Senior Data Scientist

07/2021 – Present
- DataFoundry
- Spearheaded the creation of an advanced predictive model to forecast customer trends, producing an 8% increase in accuracy from previous models and driving a 15% growth in overall revenue.
  - Developed features from raw data gathered from multiple sources and utilized BI technologies, big data, and machine learning techniques to improve data modeling results.
  - Led a team of 5 junior data scientists in developing an innovative research and development pipeline, resulting in an increase of 10% in the company's product offering accuracy.
- Data Scientist

03/2019 – 07/2021
- NeuralNet
- Redesigned existing data models in order to achieve a 10% increase in accuracy and a 5% cost savings
  - Collaborated with engineers and software developers to deploy newly created models into production, achieving a 40% decrease in the time to market
  - Employed neural networks, decision trees, and deep learning algorithms to generate predictive models that resulted in a 25% increase in target user engagement
- Big Data Analyst

02/2017 – 03/2019
- MindBridge
- Authored an effective iteration of the company's customer acquisition strategy that increased inbound leads by 30%
  - Leveraged structured and unstructured data to analyze customer behavior, identifying insights that led to a 25% decrease in customer churn
  - Produced features from raw data and created visualizations to support executive decisions; resulted in a 20% increase in the team's success rate

SKILLS & COMPETENCIES

- Machine learning
  - Big data
  - Statistical modeling
  - Natural language processing
  - Neural networks
  - Deep learning algorithms
  - Data visualization
  - Business intelligence
  - Data wrangling
  - Feature engineering
  - Generative algorithms
- Predictive modeling
  - Data analysis
  - Pattern recognition
  - Probabilistic reasoning
  - Model deployment
  - Research and development pipeline management
  - UI/UX development
  - Database optimization
  - Data engineering
  - Cloud computing

EDUCATION

- Master of Science in Computer Science

2016 – 2020
- University of Cambridge
- Cambridge, England
- Data Science
  - Machine Learning