Big Data Scientist

Mary Massey

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United States, Umbarger, TX

Professional summary

Innovative and results-driven Big Data Scientist with over 8 years of experience in developing and implementing advanced data analytics solutions. Expertise in big data technologies, machine learning, and statistical modeling to extract actionable insights and drive business decisions. Proven ability to lead cross-functional teams and manage large-scale data projects.

Experience

Senior Big Data Scientist

June 2021 - Now

IBM / United States, Austin, TX

- Lead a team of data scientists and engineers in the development of big data analytics solutions.
- Design and implement predictive models using Hadoop and Spark.
- Collaborate with stakeholders to identify business needs and translate them into data-driven solutions.
- Develope ETL pipelines to handle and process terabytes of data daily, ensuring integrity and accessibility.

Big Data Analyst

March 2018 - May 2021

Dell Technologies / United States, Round Rock, TX

- Implemented machine learning algorithms to predict customer churn, reducing churn rates by 18%.
- Managed data integration and migration projects, ensuring seamless transition to new data platforms.
- Created interactive dashboards using Tableau, enabling real-time data visualization and decision-making.

Data Scientist

May 2016 - February 2018

American Airlines / United States, Fort Worth, TX

- Developed and deployed machine learning models to optimize flight schedules, resulting in a 12% reduction in operational costs.
- Conducted deep-dive analyses on customer data to enhance personalized marketing campaigns.
- Utilized SQL and Python for data extraction, transformation, and analysis, ensuring accuracy and consistency in reporting.
- Collaborated with IT and business teams to implement data governance policies, improving data quality and compliance.

Education

Master of Science in Data Science

2014 - 2016

University of Texas at Austin

United States

Bachelor of Science in Computer Science

2010 - 2014

Texas A&M University, College Station

TX

Skills

Skill	Level
Statistical Analysis	◆◆◆◆◆
Predictive Modeling	◆◆◆◆◆
Machine Learning	◆◆◆◆◆
Database Management	◆◆◆◆◆
Business Intelligence	◆◆◆◆◆
Natural Language Processing (NLP)	◆◆◆◆◆
Big Data Technologies	◆◆◆◆◆
Data Visualization	◆◆◆◆◆