

DATA SCIENCE MANAGER

Professional Summary

Dedicated Data Scientist with 5+ years of experience gathering, cleaning, and applying data science techniques across a wide range of applications. Detail-oriented professional with strong technical acumen with SQL, R, and Tableau. Highly motivated individual with the ability to act in a consultancy capacity in order to implement data initiatives that help stakeholders make business decisions. R (expert) SQL (expert) Tableau (proficient) Python (beginner) Data processing Machine learning & statistical modeling Optimization frameworks Clustering techniques Agile methodology

Skills

- Ad
- Clustering
- Consulting
- Clients
- Data mining
- Financing
- Futures
- Managing
- Mentor
- Modeling
- Optimization
- Personnel
- Presentations
- Coding
- Quality
- Quantitative analysis
- Reporting
- Risk
- Assessment

Work History

Data Science Manager , 07/2020 to Current

Accenture Contractor Jobs â€“ Hartford , CT

- Oversee the design, development, and testing of risk-related systems, particularly as it relates to predictive modeling and quantitative analysis of member firms.
- This is generally accomplished using a broad range of data science techniques, including supervised/unsupervised learning, clustering, and optimization.
- Collaborate with application developers to ensure predictive models and applications are properly implemented into production systems.
- Generate new analytics initiatives and facilitate this work in a consulting capacity with function stakeholders throughout the organization.
- Manage and act as a mentor for a small team of data scientists.
- This includes managing performance, striving for continuous education, and implementing coding best practices.
- Effectively communicate complex topics using impactful plots and insightful presentations.

Senior Data Scientist , 10/2016 to 06/2020

Factset Research Systems Inc. â€“ Atlanta , GA

- Developed and implemented a number of binary classification predictive models used to assess risk of member firms and prioritize for audits.
- Model types ranged from Random Forest to Logistic Regression and included model stacking with these models achieving over 0.70 AUC in production.
- Performed ad-hoc analysis based on stakeholder initiatives.
- This included automated the internal quality review of the organization's audit program.
- Developed and optimized a reporting tool with Tableau in order to improve staff efficiency of pre-exam risk assessment work.
- Mentored and encouraged data science team to enhance data mining, management and analysis techniques.

Risk Management Analyst , 11/2015 to 09/2016

Computer Services, Inc. â€“ Lincoln , NE

- P S S W H Identified new risk areas and sources of data that support the predictive models constructed by the data science team.
- Developed, deployed, and presented Tableau dashboards that assisted the organization in making risk-based decisions.
- Performed qualitative analysis of member firms identifying potential risk areas for audit staff to review.

Compliance Analyst , 01/2013 to 10/2015

Castleton Commodities International Llc â€“ Virginia Beach , VA

- Assisted staff in investigating and gathering evidence for possible disciplinary cases related to disclosure document or promotional material regulations.
- Communicated with firm personnel regarding deficiencies and/or apparent violations and recommend corrective action.

Loan Originator Sales Associate , 01/2012 to 12/2012

Guaranteed Rate, Inc â€“ City , STATE

- Assisted in providing potential clients home financing options through various lending programs.
- Set and managed expectations for the loan processing team in order to minimize interest rate lock extensions and meet scheduled close times.

Education

Master of Science : Data Science , 2020

Northwestern University - City , State

Bachelor of Science : Finance , 2011

Illinois State University

Certified Fraud Examiner - Association of Certified Fraud Examiners (ACFE) Licensed Series 3 - National Commodity Futures Examination (FINRA) E

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Skills

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- Assessment