# **Job description 1: E-commerce/Entertainment**

Source: LinkedIn

Fandango is seeking a driven, analytically curious and entrepreneurial data scientist to be part of our exciting Business Intelligence team.

Job Requirements:

* Scoping: Partner with other scientists and Subject Matter Experts (SME's) to fully define business problems and research questions;
* Data Engineering: Identify, extract and clean data to be loaded into modeling environments. Data could be structured, unstructured and/or text data (includes transactional, web data, social data, emails, and streaming data)
* Feature Engineering: Identify relevant features, remove redundancies and construct a tighter ‘data frame’ representation for efficient modeling/analysis
* Modeling: Conduct advanced analytics leveraging predictive modeling, machine learning, simulation, optimization and other techniques to deliver insights or develop analytical solutions to achieve business requirements.
* Model Validation/Parameter-Tuning/Debugging: Support on efforts to develop scalable, efficient, automated solutions for large scale data analyses, model development, model validation and model implementation using appropriate metrics. Cognizant of the bias-variance trade-off.
* Presentation of business Value: Identify, quantify and highlight the opportunities and risks that arise out of the modeling step to team members and executives.
* Multi-tasking, Ad-hoc analytics and reporting: Develop mathematically sound calculations with embedded business logic for quick-turnaround projects (did we mention this is a fast-paced environment). Multi-task when required and prioritize appropriately.
* Ownership and team-spirit: Own the projects from data gathering to delivery and assist other teams(technical and non-technical) when required through education

Qualifications:

* 2+ years of work experience in Data Science, Predictive, and Advanced Analytics
* Graduate degree in a quantitative field (Computer Science, Mathematics, Physics, Engineering, Statistics, Econometrics, Operations Research, etc.)
* Strong machine learning and statistical modeling expertise, such as regression, time series models, random forests, clustering, neural networks
* Advanced knowledge of SQL and experience extracting and analyzing large datasets
* Proficiency in one or multiple statistical/machine learning languages (R, Python, SAS, Matlab, Stata, etc.)
* Experience with BI reporting tools (Tableau, MicroStrategy, BusinessObjects etc.)

Preferred Qualifications:

* Experience with Hadoop, AWS, and Spark
* Experience with deep learning and AI tools
* Experience working with web analytics tools such as Adobe and Google Analytics
* Working experience in digital media, e-commerce, and entertainment industry is very helpful but not required