Data Scientist Roles Interested

Data Scientist:

A data scientist is someone who makes value out of data. Such a person proactively fetches information from various sources and analyzes it for better understanding about how the business performs, and to build AI tools that automate certain processes within the company.

It's important that the role involves performing analysis, touch production code, visualize data, etc.

Data Scientist as Statistician:

This is data analysis in the traditional sense. It involves a strong statistical base to extrapolate interests in a number of data scientist fields. Hypothesis testing, confidence intervals, Analysis of Variance (ANOVA), data visualization and quantitative research are some of the core skills which can be extrapolated to gain expertise in specific fields. This also involves developing statistical models from big data analysis, carry out experimental design and apply theories of sampling, clustering and predictive modelling to available data to determine future corporate actions.

Data Scientist as Actuarial Scientist

Banks and financial institutions rely a lot on actuarial science to predict the market conditions and determine the future income, revenue, profits/losses from these mathematical algorithms.

It is possible to be an actuarial scientist without having to go through data science training. But a data scientist will have a very good grasp over the mathematical and statistical algorithms that are required for actuarial science. A lot of companies are now expediting the process by hiring CFAs to do the work of an actuarial scientist.

This is a very specific position which requires data science professionals to apply mathematical and statistical models to BFSI (Banking, Financial Services and Insurance) and other associated professions. Preliminary requirement is to know a number of interrelated mathematical subjects such as probability, statistics, finance, economics, financial engineering and computer programming.

Data Scientist as Business Analytic Practitioners:

Data Scientist as Business Analytic Practitioners sit between front-end decision-making teams and the back-end analysts. They work on crucial decision making such as ROI analysis, ROI optimization, dashboards design, performance metrics determination, high level database design, etc.

Companies

Tier 1:

Netflix

Spotify

Intuit

Uber

Airbnb

LinkedIn

Boeing

Bank of America Merrill Lynch

Wells Fargo

JP Morgan Chase

American Express

SAP

Apple

Google

Facebook

Microsoft

Yahoo

Bing

Tier 2:

Intel

HP

Kaiser Permanente

Visa

Paypal

Pintrest

Lyft

Tableau

Dropbox

Fractal Analytics

Cisco

HSBC

Deloitte

Accenture

Tier 3:

Accern

Dataiku

DataRobot

Alphamatician

Locations

Austin

San Diego

San Jose

Seattle

Dallas

Houston

Silicon Valley