Data Scientist

THE BUILDER | THE ORGANIZER | THE PROBLEM SOLVER

A data scientist is someone who performs high level problem solving in order to make value out of data. Their duties typically include creating Machine Learning-based tools or processes within the company, such as recommendation engines or automated lead scoring systems. People within this role should also be able to perform statistical analysis.

MEDIAN SALARY

$120,931

SKILLS

SOFTWARE
SQL (Structured Query Language), Python, Tableau, R

DATA/STATISTIC ANALYSIS
Need to analyze and apply user feedback and research

COMMUNICATION
Need to be able to take the statistics derived from data gleaning and explain it in layman’s terms to other branches of the corporation, such as IT and finance

TEAMWORK
Be a go between for various departments who are in need of the information gleaned from the data in order to make decisions

EDUCATION

BACHELOR’S DEGREE
Statistics, Computer Science, Mathematics, Physics, Probability

MASTER’S DEGREE
Data Science, Machine Learning, Analytics

THINGS TO DO IN SCHOOL

1. Join a computer science and/or coding club
2. Take courses in statistics, computer science, analytics, mathematics, probability
3. Learn Python, SQL, R
4. Take on a data science internship

HOW TO LAND YOUR 1ST JOB

CONTRACT WORK
Get to know the company on a freelance basis-marketing / analytics side

NETWORKING
This will help you make connections and illustrate your professionalism and drive

AIM TO INCREASE SKILL SET
Learn as many coding, data gleaning programs as possible

INTERVIEW
Be able to demonstrate your understanding of data gleaning and coding, as well as your ability to explain these processes to branches of the company that are not familiar with the terminology

To learn more about this career, visit www.gladeo.org

Designed by Danny Shin