

## Lead Data Scientist

### Experience:

Ph.D. – 12-15 years

Masters – 15-18 years

### Recommended Profile

- The Lead Data Scientist (Lead DS) is expected to play a pivotal bridging role between data scientists, technology specialists, and the business /functional experts.
- The Lead Data Scientist will develop statistical and machine learning models on distributed platforms such as Hadoop by using modern machine learning libraries such as SparkML, Shogun, Mahout and OpenNLP.
- The lead Data Scientist will be responsible for developing advanced predictive /prescriptive systems, creating efficient algorithms for business problem solving, improving data quality
- The candidate should also be proficient in converting the algorithmic proof of concepts into business requirement documents for product development.
- Ensure execution of critical Advanced Analytical projects, including driving innovative implementation and insights derived from data.
- Should be very good team player and able to provide technical and subject area guidance/directions to the team.
- The ideal candidate should have excellent communication and interpersonal skills.

### Technical Skills

- Proficiency in R, Matlab, Python, SAS, Ruby or Scala or equivalent statistical analysis software.
- Experience with big data tools is a plus (e.g., Hadoop, HDFS, Cassandra, Storm)
- Experience with industry scale data mining and/or text mining.
- Experience with capturing, managing, and processing Big Data (terabytes of data present in web logs, documents, etc).
- Familiarity with relational databases (SAP HANA, Oracle, MySQL) and non-relational databases like MongoDB or Hadoop, query tools (e.g. Hive or Pig) and tools for distributed computation (e.g. Spark).
- Knowledge of software development technologies is a plus (e.g. Python, Java, C/C++, .Net)

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