In all of the below mentioned topics, I have great practical implementation capabilities in R, Hadoop & Tableau.

Programming for Data Science:

- Introduction to Software and Operating System
- Introduction to programming
- Control Structures
- Functions and Algorithms
- Complexity

Statistical Techniques for Data Science

- Introduction to Statistics
- Probability
- Sampling
- Testing of Hypothesis
- Simple Correlation
- Regression

Data Scrapping and Data Wrangling

- Data Scrapping
- Data Wrangling
- Introduction to Database Management Systems

Data Analysis and Visualization

- Data Visualization using R
- Tableau

Big Data Technologies

- Motivation for Big Data
- Getting Started with Hadoop Framework
- Understanding HBase
- Analyzing Data with Hive
- Analyzing Data with Pig
- Sqoop, Oozie, Impala

Machine Learning

- Introduction to Machine Learning and Data Science
- Classification (Decision Tress, CART, Random Forest, Gradient Boosting, Neural Networks, Logistic Regression)
- Validation Measures (Accuracy, Sensitivity, Specificity etc)
- Clustering (K Means & Hierarchical)
- Recommendation Systems (Apriori Algorithm, IBCF & UBCF)
- Customer Analytics
- Time Series

Minimum expected compensation : 500/Hour

Possible Hours to train : Morning : 6am – 9am(2-hours)