BIG DATA HADOOP

Introduction to Hadoop
- Installing Hadoop
- Understanding features of Hadoop
- Learning the HDFS and Map Reduce architecture
- Understanding Hadoop Advanced concepts
- Understanding Hadoop subprojects

Writing Hadoop Map Reduce Programs
- Introducing Hadoop Map Reduce
- Understanding Hadoop Map Reduce fundamentals
- Writing a Hadoop Map Reduce example
- Creating a blank solution
- Adding project to the solution
- Running the application / website
- Understanding different templates available to create website in Visual Studio

Projects Covered
- Analyzing a series of Data sets for a US-based customer to arrive at a prudent product mix
- Identify motivators for continuous adult education
- Introduction of Controls in ASP.NET
- Identify occupations poised for growth & decline over the next 10 years
- Identify regions that have potential for growth across potential industries
- Categorize financial capacity of consumers across regions and demographics
- Identify major gender and geographic attributes for education
- Analyze the education expenditure and related parameters across the globe
- Analyze the strength of the financial sector in target markets and participation of the population in the financial sectors.
- Analyze and perform page ranking for twitter data set
- Analyze Monthly retail report for the US Market - **Retail Industry**
- Analyze Mobile connectivity report for the UK Market -**Telecom Industry**
- Analyze health reports across years for the US Market –**Insurance Industry**

Hadoop Career Benefits
- A The certification makes you ride the Big data wave, enhances your analytics skills and helps you to land in job roles like **Data Scientist, Hadoop Developer**, **Hadoop Architect**, **Hadoop Tester**
- Top companies like Microsoft, Software AG, IBM, Oracle, HP, SAP, EMC^2 and Dell have invested a huge $15 billion on data management and analytics, thereby increasing the number of opportunities for Big data & Hadoop certified professionals

- Certified analysts earn $117,000 in comparison to their non-certified peers
- Writing / Using Custom Classes in WebApplication
- Certified Big data professionals with Hands-on exposure to industry relevant tools have a growing career graph

Hadoop Certification vs. Hadoop Developer

- Analytics professionals, IT professionals, ETL developers, Project managers, testing novices and experts will find the course ideal. Any professional or a fresh graduate interested to enter the Big Data analytics field can also pursue this certification
- Fundamental programming skills is a minimum requirement while working knowledge of Java would be an added advantage