# IT WORKSHOP

# ON

# R PROGRAMMING

# *"Introduction to Big Data Analytics Workshop Proposal"*

**Extremely Hands-On... Incredibly Practical... Unbelievably Real!**

## What are the prerequisites for learning Data Science programming?

We don't expect any prior knowledge from your side while designing this course. A basic knowledge of any programming language can be helpful.

## Course Objective

This course starts from Overview to Big data and allows participants to understand the basic R Language. It provides an account of specialized data analytic techniques.

## What you will learn in this R Programming Training?

## Analytics on:

1. Whats App Chat sentimental Analysis
2. Handling with different file format( TEXT,CSV, XML,JSON)
3. Analysis on Smoking based on Given Data.
4. Analysis on DMart Purchase List
5. Twitter Analysis
6. Cricket Match should play or not Analysis
7. Connecting with Mysql.
8. Naïve Bayes problem analysis

To do above Analytics the below Modules of coding Designed.

Module 1 - R Studio installation and baiscs
Module 2 - Data structures in R
Module 3 - R programming fundamentals
Module 4 - Working with data in R
Module 5 - Strings and Dates in R

**Requirements:** Lab with **High-speed Internet** Mandatory .
(i3,windows7,4GB/8GBRAM)