

R Training Available

As part of my consulting services I will be offering four R training modules. Each module will last five weeks and will be delivered via a live video conference call on a fixed night of the week. All training modules assume some prior knowledge of the basic underlying material. Each training module is intended to be an advanced look at the topic, where the word “advanced” is intended to mean that we will focus on developing a deeper understanding of the topic and its use in R. Each training module will have its own unique set of training documents that I have written. These modules represent my personal views on the effective use of R and statistical modeling.

If you are interested in my R training services, then please contact me by email at BhattiCR@yahoo.com.

Module 1: Introduction to R – Available in November 2013

In this module we will provide an overview of the R programming language. The focus will be on understanding: the Base R data structures, statistical programming capabilities, programming fundamentals, and the R mindset including vectorized computations and graphics construction.

All participants are expected to have some basic R exposure.

Module 2: Advanced OLS Regression Modeling – Coming Soon

In this module we will develop the tools necessary to model real world data. Real world data is never as nicely behaved as text book example data, and hence serious modelers need a bigger bag of tools than what is traditionally taught in introductory modeling courses. This module is designed to provide you with these tools.

All participants are expected to understand the underlying assumptions of OLS regression and how to build basic OLS regression models.

Module 3: Advanced Logistic Regression Modeling – Coming Soon

In this module we will continue to develop the tools necessary to model real world data. In this module we will focus on the problem of binary classification via logistic regression and extending our knowledge of logistic regression beyond text book examples. Many of the topics that are covered in Module 2 will be tweaked to make them applicable in the setting of logistic regression.

All participants are expected to understand the underlying assumptions of logistic regression and how to build basic logistic regression models.