

Greater Boston Chapter of the ACM: Serving Boston computer professionals for over 40 years.

R for Software Developers and Data Analysts



Price increase on May 14 - [register now!](#)

Big Data Analytics

One of the hottest topics today is *Big Data*. Much of the publicity around Big Data focuses on interactive query operations, but the greatest value comes from *Big Data Analytics* – statistical analysis and visualization of the data.

The R language is widely used for Big Data Analytics, and has become one of the most popular languages for data analysis and visualization in general. Like many popular Big Data tools, R is free software – it is available at no charge under an open source license. This makes R a very attractive tool to learn and use.

Join us for a full day Professional Development Seminar with **Dr. Robert Kabacoff**, as he provides a practical introduction to this comprehensive platform.

You will learn how to import data into R from a variety of sources; to clean, recode, and restructure data, and to apply R's many functions for summarizing, modeling and graphing data. Both basic and more advanced forms of data analysis and graphics presentation will be covered.

Price goes up on May 21th, so [register](#) now!

[More Details](#)

When: **Saturday, June 28, 2014**

Where: **Microsoft NERD, Cambridge, MA**

Time: **9:00am-5:00pm**

Cost: **\$179 Through May 20**
\$239 May 21- June 3

Details: <http://www.gbcacm.org>



Dr. Robert Kabacoff, VP of Research for the Management Research Group, will lead this informative seminar on data analytics using the R system.

[Subscribe](#)[Past Issues](#)[Translate ▼](#)

and colleagues!

[Follow us on Twitter](#) | [Send this email to a friend](#)

What you will learn at this seminar:

I. Introduction – An introduction to R: R syntax and data structures; working interactively and in batch; alternative IDEs and GUIs; adding functionality through packages; common programming mistakes; getting unstuck – were to find answers to your questions.

II. Data Management – Importing, cleaning, and reformatting data: transforming and recoding variables; subsetting, merging, and aggregating data; control structures; user-written functions.

III. Graphics – Taking advantage of R's powerful graphics: creating basic and advanced graphs; customizing and combining graphs; innovative methods for visualizing complex data.

IV. Statistical Analysis and Data Mining – Using R for description, prediction, and classification: descriptive statistics and multi-way tables; ANOVA variants; regression (e.g., linear, logistic, poisson), classification trees, cluster analysis, and other multivariate methods; dealing effectively with missing data; going further.

[Follow us on Twitter](#) | [Send this email to a friend](#)

Copyright © 2014 Greater Boston Chapter of the ACM, All rights reserved.



[unsubscribe from this list](#) | [update subscription preferences](#)