



**SPRING 2009 COURSE**

**CSCI 090.3 R for Statistical Programming**

Section: E5MBA; Code: 2982; (Mon, Wed) 5:00 – 6:15 pm; SB A227

Instructor: [Boojala VIJAY B. Reddy](http://velgonda.cs.qc.cuny.edu) (<http://velgonda.cs.qc.cuny.edu>)

R is a language and environment for statistical computing and graphics. R is similar to the S system, which was developed at Bell Laboratories by John Chambers *et al.* It provides a wide variety of statistical and graphical techniques (linear and nonlinear modeling, statistical tests, time series analysis, classification, clustering etc.). R programming has (i) an effective data handling and storage facility, (ii) a suite of operators for calculations on arrays, in particular matrices, (iii) a large, coherent, integrated collection of intermediate tools for data analysis and (iv) graphical facilities for data analysis and display either directly at the computer or on hardcopy. R provides, among other things, a programming language, high level graphics, interfaces to other languages and debugging facilities. On the top of all, easy to learn and apply immediately on day today personal and professional calculations and analysis.

**Useful Internet Resource:**

<http://www.r-project.org/>

