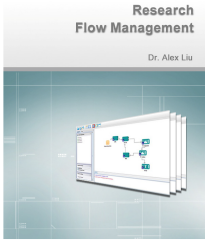
Effective Research Flow Management – A Self Study Course

- Step-by-Step Guide to Effective Research Flow Management

to be taught by Dr. Alex Liu



- An easy-to-follow guide book to manage research flows for developing predictive models using R
- Self-paced curriculum to support your unique learning style.
- Optional research flow templates for automating some research processes.
- Discussions of applications using numerous practical examples.
- Quality data sets for home practice.
- A case study incorporating all steps.
- Exercises for practice and evaluation.

Here's what people are saying …

“I hope I had this course 5 years ago, so I did not have to waste time and resources.” ~ S. Y., New York
"This course gave me what I needed to get started in my new career" ~ D. R. Los Angeles
"The templates are amazing! Now I can build powerful models in half the time" ~ Deepak. S., India
"I like the explanation feature for reporting that really helped me out" ~ Denis W., China
“I think every researcher/analyst needs a training like this, before his/her starting any project” ~ Katy Y., Seattle

Overview

The course begins with an introduction of research flows and research flow management. You’ll learn why research flow management is so important in today’s competitive business environment and in dealing with information overload.

The course uses practical examples to demonstrate the most powerful techniques for managing research flows, and how it leads to improvements of research productivity and research quality. The emphasis of the course is on the relationship of the RM4Es framework to each researcher’s specific needs, resources, and objectives.

Who should take this course?

This course is well suited for both the novice and experienced statisticians, analysts and modelers who have some basic knowledge of R programming. The course teaches managing both statistical techniques and statistical strategies to build high quality predictive models.

Format

The course materials are a blend of descriptive notes, tables, R codes, research flow examples and datasets. Each chapter concludes with exercises. Exercises at the end of Chapters 1 and 2 are subjective and designed to stimulate discussion. Beginning in Chapter 3, the exercises take you through a process similar to a real research project. Full code, data, flows and solutions are provided.

Once the registration form and payment are received, the course materials and data are delivered via email. Students receive one chapter every 7-10 days or upon request until the completion of the course.

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Course Outline

Part 1, Introduction

Part 2, Analyzing Research Flows – components, structure and life cycle

Part 3, Research Planning and Research Flow Creation

Part 4, Research Flow Reuse and Automation

Part 5, Logfile Management and Reporting

Part 6, Data Manipulation Flow Management with Examples

Part 7, Data Analysis Flow Management with Examples

Part 8, Research Flow Optimization

Part 9, Summary and RM Software Introduction

Registration/Invoice

Step by Step Guide to Effective Research Flow Management - Self Study Course

As a student, you get:

Course notes
R programs
Flows
Exercises & solutions
Datasets for model development, validation and implementation
Email and phone support (2 hours)
Complimentary updates of course materials for 3 years
Certificate of completion
Student version of a research flow management software

Pricing Options:
Single User: $1250
Group (3-6 people): $950 per person
Group (7+ people): write to info@ResearchMethods.org

To start, please send in the following information:

Name _____

Company _____

Number of Users _____

Email _____