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R for Cloud Computing

An Approach for Data Scientists

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- Covers full spectrum of R packages as well industry practices related to business analytics using cloud computing with multiples cloud vendors including Infrastructure, Platform and Software providers
- Step-by-step instruction on the use of R on the cloud, in addition to exercises, references, interviews and useful links
- Background information and exercises are all applied to practical cloud computing enabled big data business analysis topics, such as code examples on setting up analytics, connecting to APIs for both data as well as prediction and publishing results

R for Cloud Computing looks at some of the tasks performed by business analysts on the desktop (PC era) and helps the user navigate the wealth of information in R and its 4000 packages as well as transition the same analytics using the cloud. With this information the reader can select both cloud vendors and the sometimes confusing cloud ecosystem as well as the R packages that can help process the analytical tasks with minimum effort, cost and maximum usefulness and customization. The use of Graphical User Interfaces (GUI) and Step by Step screenshot tutorials is emphasized in this book to lessen the famous learning curve in learning R and some of the needless confusion created in cloud computing that hinders its widespread adoption. This will help you kick-start analytics on the cloud including chapters on both cloud computing, R, common tasks performed in analytics including the current focus and scrutiny of Big Data Analytics, setting up and navigating cloud providers. Readers are exposed to a breadth of cloud computing choices and analytics topics without being buried in needless depth. The included references and links allow the reader to pursue business analytics on the cloud easily. It is aimed at practical analytics and is easy to transition from existing analytical set up to the cloud on an open source system based primarily on R. This book is aimed at industry practitioners with basic programming skills and students who want to enter analytics as a profession.

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