Performance Evaluation Metrics for Information Systems Development: A Principal-Agent Model (Classic Reprint)
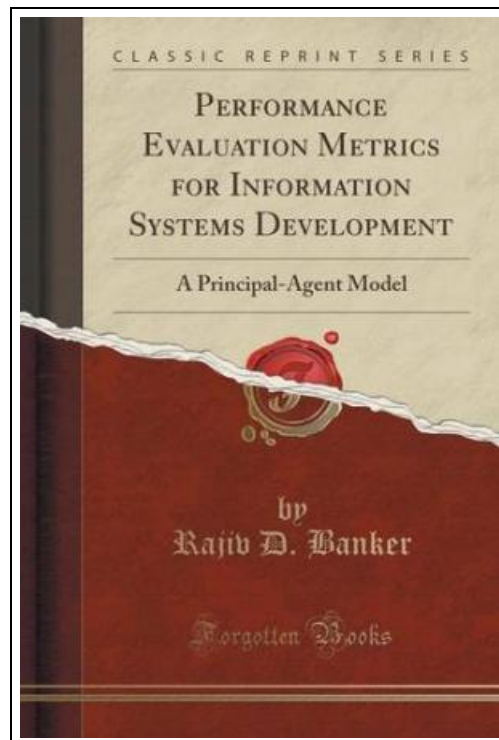
CLASSIC REPRINT SERIES

PERFORMANCE EVALUATION METRICS FOR INFORMATION SYSTEMS DEVELOPMENT

A Principal-Agent Model

by
Rajiv D. Banker

Forgotten Books

Filesize: 2.63 MB

Reviews

This publication is definitely not simple to begin on studying but really exciting to read. It is actually rally fascinating throgh reading time. Your life span will be enhance when you complete looking at this publication.
(Laurence Littel)

PERFORMANCE EVALUATION METRICS FOR INFORMATION SYSTEMS DEVELOPMENT: A PRINCIPAL-AGENT MODEL (CLASSIC REPRINT)

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Performance Evaluation Metrics for Information Systems Development: A Principal-Agent Model The information systems (IS) development activity in large organizations is a source of increasing cost and concern to management IS development projects arc often over-budget, late, costly to maintain, and not done to the satisfaction of the requesting user. These problems exist, in part, due to the organization of the IS development process, where information systems development is typically assigned by the user (principal) to a systems developer (agent). These two parties do rot have perfectly congruent goals, and therefore a contract is developed to specify their relationship. An inability to directly monitor the agent requires the use of performance measures, or metrics, to represent the agent s actions to the principal The use of multiple measures is necessary given the multi-dimensional nature of successful systems development In practice such contracts are difficult to develop satisfactorily, due in pan to an inability to specify appropriate metrics. This paper develops a principal-agent model that provides a set of decision criteria for the principal to use to develop an incentive compatible contract for the agent. These criteria include the precision and the sensitivity of the performance metric. After presenting the formal model, some current software development metrics are discussed to illustrate how the model can be used to provide a theoretical foundation and a formal vocabulary for performance metric analysis. The model is also used in a positive (descriptive) manner to explain why current practice emphasizes metrics that possess relatively high levels of sensitivity and precision. Finally, some suggestions are made for the improvement of current metrics based upon these criteria. About the Publisher Forgotten Books publishes...

Read Performance Evaluation Metrics for Information Systems Development: A Principal-Agent Model (Classic Reprint) Online

Download PDF Performance Evaluation Metrics for Information Systems Development: A Principal-Agent Model (Classic Reprint)

Other PDFs

Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and...

Save Book »

Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their...

Save Book »

History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts...

Save Book »

Never Invite an Alligator to Lunch!

Lucky Me Publishing, LLC, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. NEVER Invite an Alligator to Lunch! delivers a fun,...

Save Book »

Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook

Createspace, United States, 2010. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.From a certified teacher and founder of an online tutoring website-a simple and...

Save Book »