Enhancing Software Fault Prediction With Machine Learning: Emerging Research and Opportunities
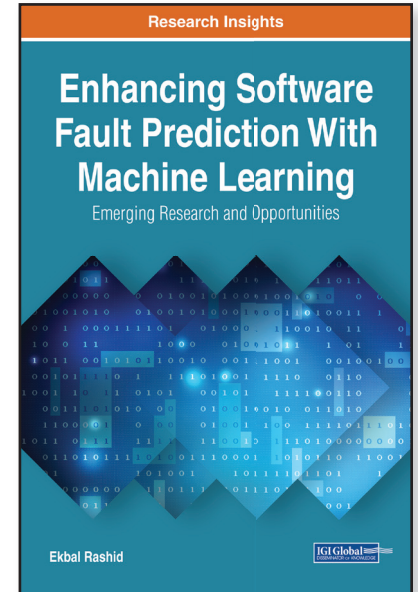
Part of the Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series

Ekbal Rashid (Aurora's Technological and Research Institute, India)

Description:

Software development and design is an intricate and complex process that requires a multitude of steps to ultimately create a quality product. One crucial aspect of this process is minimizing potential errors through software fault prediction.

Enhancing Software Fault Prediction With Machine Learning: Emerging Research and Opportunities is an innovative source of material on the latest advances and strategies for software quality prediction. Including a range of pivotal topics such as case-based reasoning, rate of improvement, and expert systems, this book is an ideal reference source for engineers, researchers, academics, students, professionals, and practitioners interested in novel developments in software design and analysis.

ISBN: 9781522531852   **Release Date:** October, 2017   **Copyright:** 2018   **Pages:** 156

Topics Covered:

- Case-Based Reasoning
- Expert systems
- Quality Gap
- Rate of Improvement
- Software Development
- Time Gap

Hardcover: $165.00
E-Book: $165.00
Hardcover + E-Book: $195.00

IGI Global
DISSEMINATOR OF KNOWLEDGE