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SmartData@PoliTO



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Aula 7T Corso Castelfidardo 34



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KPA Group

Analytics in Software and System Testing: An overview

ABSTRACT

Analytics is affecting products and services in industry, business, healthcare, education and any activity you can think of. In this age of data science and industry 4.0, systems and software play a key role. This talk will review various aspects of analytics in system and software testing through four application areas that indicate directions for future research and methodological developments. These are:

1. Risk Based Group Testing
2. Usability Tracking and Testing
3. Testing Open Source Software
4. Testing with Operators in the Loop

BIOGRAPHY

Professor Ron Kenett is Chairman of the KPA Group, Israel, Senior Research Fellow at the Neaman Institute and Visiting Professor at the Institute for Drug Research at the School of Medicine of the HUJI, Israel. He is an applied statistician combining expertise in academic, consulting and business domains. Ron is Past President of the Israel Statistical Association (ISA) and of the European Network for Business and Industrial Statistics (ENBIS). He authored and co-authored over 250 papers and 14 books on topics such as biostatistics, healthcare, industrial statistics, customer surveys, multivariate quality control, risk management and information quality. The KPA Group he founded in 1994, is a leading Israeli firm focused on generating insights through analytics. He is editor in chief of Wiley's, serves on the editorial board of several international journals and was awarded the 2013 Greenfield Medal by the Royal Statistical Society and, in 2018, The Box Medal by the European Network for Business and Industrial Statistics. He founded the point and click translator company, Babylon.com and is member of the board of several startup companies. Ron holds a BSc in Mathematics (with first class honors) from Imperial College London and a PhD in Mathematics from the Weizmann Institute of Science, Rehovot, Israel.

See also www.amazon.com/author/rkenett

<https://smartdata.polito.it/category/seminar/>

