



Professor Ron Kenett is Chairman of the [KPA Group](#), Israel, Senior Research Fellow at the Neaman Institute, Technion, Haifa and Visiting Professor at the Institute for Drug Research at the School of Medicine of the Hebrew University of Jerusalem, 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 [StatsRef](#), 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 University and a PhD in Mathematics from the Weizmann Institute of Science, Rehovot, Israel. See also www.amazon.com/author/rkenett



Centre of Excellence in Economics and Data Science

Department of Economics, Management and Quantitative Methods of the University of Milan (DEMM)

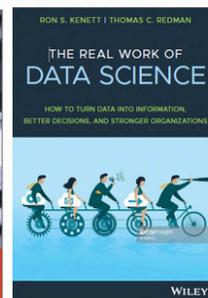
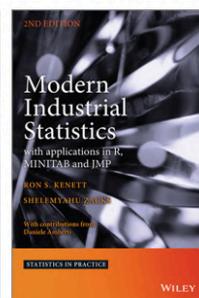
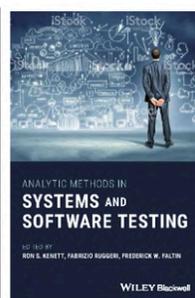
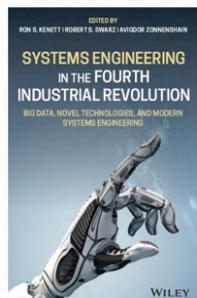
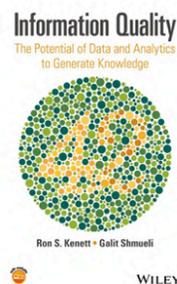
From 22 to 30 January 2020

Centre of Excellence in Economics and Data Science organizes

Short Course in Data Science

Prof. Ron Kenett

Via Conservatorio, 7



UNIVERSITÀ DEGLI STUDI DI MILANO

DIPARTIMENTO DI ECONOMIA,
MANAGEMENT E METODI QUANTITATIVI

Calendar

Lecture Series in Analytics (Sala Laurea)

22/01 10.30-13.30

23/01 9.30-12.30

24/01 10.30-13.30

Lecture Series in Causality (Sala Laurea)

28/01 9.30-12.30

29/01 10.30-13.30

Seminar on ‘Statistics at a Crossroad’

30/01 ~~11.00-12.00 Aula Seminari DEMM~~

10.45-11.45 Via Santa Sofia, 9 - aula M203

Participation is free

but reservation is mandatory for organization

ceeds@unimi.it

Lecture Series in Analytics

A series of hands on lectures using the JMP platform to cover: Information quality, the real work of data science, Decision trees, Regression trees, Random forests, The non performing loans (NPL) case study, Logistic regression, Naïve Bayes, K-means clustering and Text analytics.

Students will be asked to evaluate the information quality of one of three case studies and analyze the German credit data to develop a predictive model for nonpaying loans.

Lecture Series in Causality

A focused workshop on causality covering the following topics: Background on causality in science and statistics, Fishbone cause and effect diagrams, Bayesian networks, Randomization in experimental designs, Propensity scores in observational studies, Counterfactuals and do calculus, Personalized medicine, condition based maintenance and Industry 4.0 and Future research areas.

Statistics at a Crossroad

The premise to this seminar is the sense that Statistics is at a crossroad between a path leading to a driver's seat position in the analytic and scientific world, as Cox writes, a Grammar for Research, and a path where statistics is pushed back to an obscure corner mostly of academic interest. Statistical aspects of reproducibility in research, statistical inference using p-values, confidence intervals and Bayes factors will be discussed along the work of Deborah Mayo on severe testing and various methods for generalizing research claims.