

## Kieron Dey – Full Bio

Dey studied mathematics, statistics and management in London and New York. Elected Fellow of the Royal Statistical Society. Expert in practical statistical methods for business improvement, innovation and problem-solving, also: forecasting, modeling, data analysis, research.

Started out as experimental specialist on the scientific team at GEC Hirst Research Center, London, England: applied research and consulting for industrial clients. Apprenticed with Joan Keen, a pioneer in statistical methods for industry.

Radar and sonar design and manufacture at GEC Marconi Avionics.

Joined IIT Research Institute in Chicago, IL (a contract research firm) to research, initiate and manage P/L for a new statistical department, building a team of 25+ professionals.

Independent statistical consultant in most industries, including: manufacturing, sales and marketing, all forms of insurance, call centers, retail, product design/pricing, engineering (hardware, software, website/online businesses, digital/social, mechanical, chemical, propulsion, textiles, paper, reliability, maintenance etc.), healthcare (providers, plans, pharma, research, device design, clinical trials design/analysis), banking, distribution, logistics, telecommunications, utilities, construction.

Pioneered large-scale experimental design for 30+ years and worked extensively with world leaders in the field including Professor George E.P. Box FRS, Professor A.W.F Edwards, Dr. Charles Holland, Professor Noriaki Kano, Dr. Brian Joiner, Dr. William Golomski, Dr. Larry H. Crow, Dr. Randy Brown and Sir Ronald A. Fisher's biographer (Joan Fisher Box).

Published several papers, most recently on analysis of lifetime data with complex censoring (with Professor David W. Coit). Dey's book *Competitive Improvement and Innovation: Statistical Design and Control* (2015: CRC Press) provides diverse industrial cases, solving large, complex problems, simply.

Extensive expert witnessing experience.

Has given equal attention to management aspects of using powerful analytics strategically, through vast experience with corporate and government executives/directors, in the United States, Canada, South America, Mexico, Europe, the Middle East, Africa, and Japan.