Mehmet Yanilmaz delivers solutions to capital markets, business strategy, finance, technology, IP and commercial litigation, and beyond. He creates impact by bringing clarity and sanity to complexity.

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Navus President Yanilmaz weighs in on *Microprediction*

Microprediction by Peter Cotton: A groundbreaking book on artificial intelligence Peter authored an honest book. It is devoid of hype. Its convincing premise is the democratization of expensive AI analytics with cost-effective prediction tools. Peter presents an AI network for rapid deployment of short-term predictions - micropredictions - with large economies of scale across numerous business sectors. The AI network and its prediction tools are designed to evolve into a public utility that anyone can tap into. In Microprediction and the book's accompanying websites, Peter offers an IT ecosystem and an open AI network to continuously select, fine-tune, and execute algorithms to compute micropredictions for repeated tasks. These algorithms - oracles, as Peter calls them - compete and are rewarded for delivering the best performance for micropredictions. Oracles' ingredients are sourced continuously from numerous competing parties. Peter describes the scope of the AI tools and the microprediction framework in succinct terms on his book's first page: "I must be crystal clear about one thing - only half an AI miracle is contemplated. I consider the use of applied statistics to the optimization of relatively fast-moving operational problems only." Peter succeeds in describing the AI networks' purpose, technology ingredients, operating mechanisms, benefits, and use cases with impeccable clarity. He essentially provides a comprehensive handbook with clear how-to-do steps for delivering practical, cost-effective, agile, reusable, and scalable decision-making tools, and for deploying the public utility for micropredictions. The AI network's third-party IT and communication technologies are readily available from numerous sources. The start-up tools that Peter provides in Python deliver the AI network's ingredients that can be adapted for multiple applications. The ensuing AI network is scalable for high volumes of streams of concurrent oracle operations and dataset transactions. Despite the difficulty of satisfying a diverse audience with disparate skills, knowledge, technology expertise, and business objectives, Peter has found common ground while enhancing his readers' understanding of the subject matter. He describes the AI network's underlying communication substrate and the distributed object-oriented architecture with a straightforward prose and with no more than a few freshman-level equations all the while without compromising the comprehensiveness of the presentation of the network's modules and logic functions. Peter backs the AI network's description with Python libraries, sample datasets, and user guides that he provides in the book's companion websites. The book's and its websites' comprehensiveness, eloquence, and precision should enable the training of AI and IT practitioners with shallow learning curves. #ai #artificialintelligence #business #analytics #agile #algorithms #statistics #python #network #training #technology