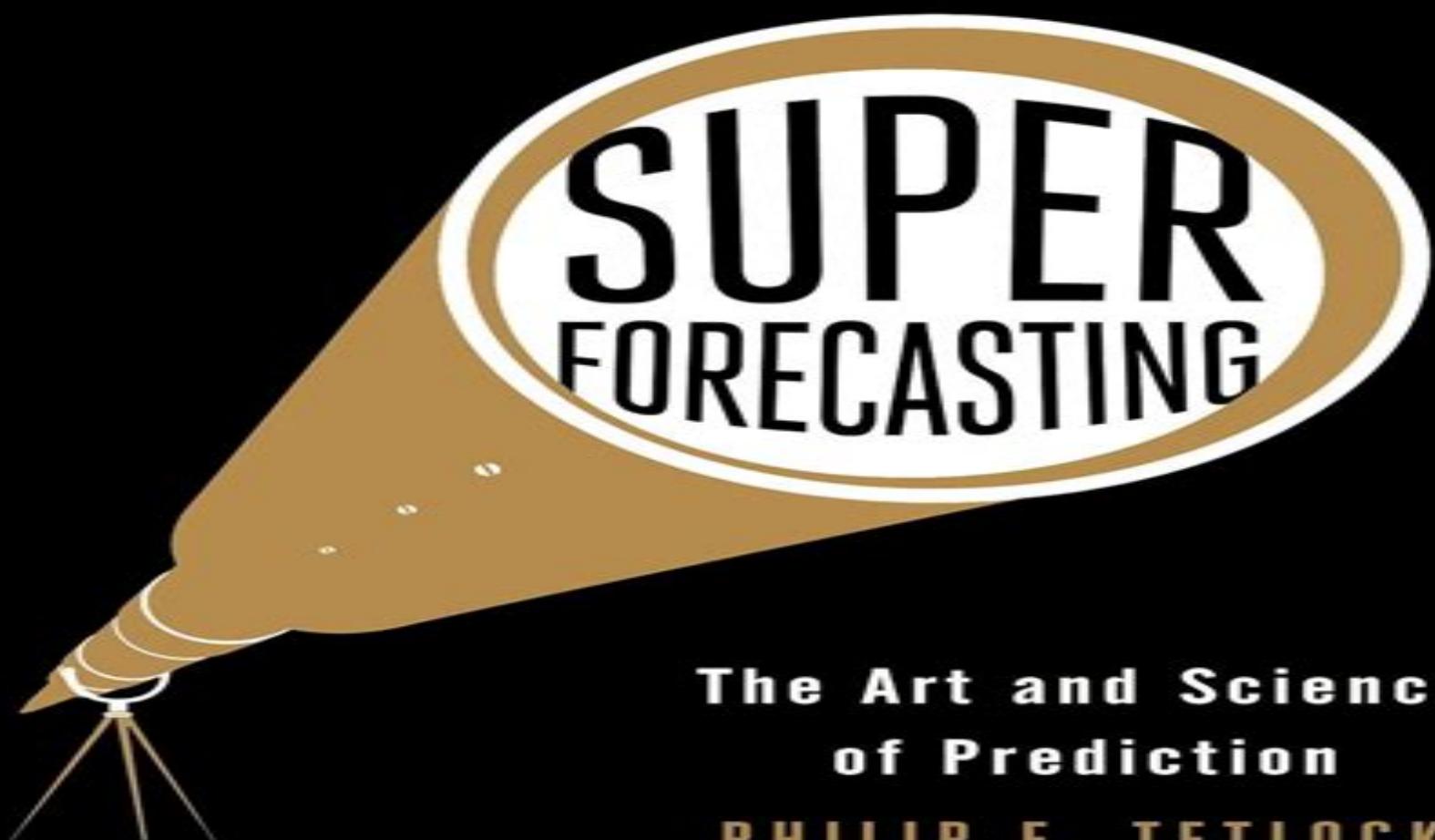# SUPER FORECASTING

## The Art and Science of Prediction

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**DAN GARDNER**

"The most important book on decision making since Daniel Kahneman's *Thinking, Fast and Slow.*" —JASON ZWEIG, *The Wall Street Journal*

# [Superforecasting The Art And Science Of Prediction](#)

**Miles Everson**

**Superforecasting The Art And Science Of Prediction:**

*Superforecasting* Philip E. Tetlock,Dan Gardner,2015-09-29 NEW YORK TIMES BESTSELLER NAMED ONE OF THE BEST BOOKS OF THE YEAR BY THE ECONOMIST The most important book on decision making since Daniel Kahneman s Thinking Fast and Slow Jason Zweig The Wall Street Journal Everyone would benefit from seeing further into the future whether buying stocks crafting policy launching a new product or simply planning the week s meals Unfortunately people tend to be terrible forecasters As Wharton professor Philip Tetlock showed in a landmark 2005 study even experts predictions are only slightly better than chance However an important and underreported conclusion of that study was that some experts do have real foresight and Tetlock has spent the past decade trying to figure out why What makes some people so good And can this talent be taught In Superforecasting Tetlock and coauthor Dan Gardner offer a masterwork on prediction drawing on decades of research and the results of a massive government funded forecasting tournament The Good Judgment Project involves tens of thousands of ordinary people including a Brooklyn filmmaker a retired pipe installer and a former ballroom dancer who set out to forecast global events Some of the volunteers have turned out to be astonishingly good They ve beaten other benchmarks competitors and prediction markets They ve even beaten the collective judgment of intelligence analysts with access to classified information They are superforecasters In this groundbreaking and accessible book Tetlock and Gardner show us how we can learn from this elite group Weaving together stories of forecasting successes the raid on Osama bin Laden s compound and failures the Bay of Pigs and interviews with a range of high level decision makers from David Petraeus to Robert Rubin they show that good forecasting doesn t require powerful computers or arcane methods It involves gathering evidence from a variety of sources thinking probabilistically working in teams keeping score and being willing to admit error and change course Superforecasting offers the first demonstrably effective way to improve our ability to predict the future whether in business finance politics international affairs or daily life and is destined to become a modern classic *Superforecasting* Philip Tetlock,Dan Gardner,2015-09-29 **Superforecasting** Philip E. Tetlock,Dan Gardner,2016-09-13 From one of the world s most highly regarded social scientists comes a seminal book on forecasting that shows for the first time how we can all get better at making predictions In Superforecasting Tetlock and co author Dan Gardner offer a masterwork on prediction drawing on decades of research and the results of a massive government funded forecasting tournament The authors show us how we can learn from an elite group of superforecasters chosen based on their ability to beat other benchmarks competitors prediction markets and the collective judgment of intelligence analysts with access to classified information Weaving together stories of forecasting successes the raid on Osama bin Laden s compound and failures the Bay of Pigs and interviews with a range of high level decision makers from David Petraeus to Robert Rubin they show that good forecasting doesn t require powerful computers or arcane methods It involves gathering evidence from a variety of sources learning to think probabilistically working in teams keeping score and

being willing to admit error and change course Superforecasting offers the first demonstrably effective way to improve our ability to predict the future whether in business finance politics international affairs or daily life and is destined to become a modern classic      SUMMARY - Superforecasting: The Art And Science Of Prediction By Philip E. Tetlock And Dan Gardner Shortcut Edition,2021-06-05 Our summary is short simple and pragmatic It allows you to have the essential ideas of a big book in less than 30 minutes By reading this summary you will discover the art of making reliable and rigorous forecasts You will also discover that many experts give forecasts that are too vague and difficult to verify the field of forecasting is sorely lacking in rigorous evaluations the best forecasters rely on method and not on innate abilities any forecast must be supported by a numerical probability an assumption with clearly defined terms a good forecaster is rigorous intellectually humble and able to consider a multitude of perspectives In the media as well as in government forecasting plays a central role They have an impact on all the strategies of leaders A battery of influential experts is therefore constantly in demand But how reliable are their diagnoses Very competent people often make vague or even erroneous estimates On the other hand some less well known forecasters reveal surprising results Here is their secret they don t have any particular gift but they do have a method Buy now the summary of this book for the modest price of a cup of coffee      SUMMARY Edition Shortcut (author),1901

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forecasting and to study the people and conditions that create the most accurate forecasts Inside this Instaread of Superforecasting Overview of the book Important People Key Takeaways Analysis of Key Takeaways About the Author With Instaread you can get the key takeaways and analysis of a book in 15 minutes We read every chapter identify the key takeaways and analyze them for your convenience **AI-ML for Decision and Risk Analysis** Louis Anthony Cox Jr.,2023-07-05 This book explains and illustrates recent developments and advances in decision making and risk analysis It demonstrates how artificial intelligence AI and machine learning ML have not only benefitted from classical decision analysis concepts such as expected utility maximization but have also contributed to making normative decision theory more useful by forcing it to confront realistic complexities These include skill acquisition uncertain and time consuming implementation of intended actions open world uncertainties about what might happen next and what consequences actions can have and learning to cope effectively with uncertain and changing environments The result is a more robust and implementable technology for AI ML assisted decision making The book is intended to inform a wide audience in related applied areas and to provide a fun and stimulating resource for students researchers and academics in data science and AI ML decision analysis and other closely linked academic fields It will also appeal to managers analysts decision makers and policymakers in financial health and safety environmental business engineering and security risk management *Decision Making under Deep Uncertainty* Vincent A. W. J. Marchau,Warren E. Walker,Pieter J. T. M. Bloemen,Steven W. Popper,2019-04-04 This open access book focuses on both the theory and practice associated with the tools and approaches for decisionmaking in the face of deep uncertainty It explores approaches and tools supporting the design of strategic plans under deep uncertainty and their testing in the real world including barriers and enablers for their use in practice The book broadens traditional approaches and tools to include the analysis of actors and networks related to the problem at hand It also shows how lessons learned in the application process can be used to improve the approaches and tools used in the design process The book offers guidance in identifying and applying appropriate approaches and tools to design plans as well as advice on implementing these plans in the real world For decisionmakers and practitioners the book includes realistic examples and practical guidelines that should help them understand what decisionmaking under deep uncertainty is and how it may be of assistance to them Decision Making under Deep Uncertainty From Theory to Practice is divided into four parts Part I presents five approaches for designing strategic plans under deep uncertainty Robust Decision Making Dynamic Adaptive Planning Dynamic Adaptive Policy Pathways Info Gap Decision Theory and Engineering Options Analysis Each approach is worked out in terms of its theoretical foundations methodological steps to follow when using the approach latest methodological insights and challenges for improvement In Part II applications of each of these approaches are presented Based on recent case studies the practical implications of applying each approach are discussed in depth Part III focuses on using the approaches and tools in real world contexts based on insights from real world cases Part IV contains conclusions

and a synthesis of the lessons that can be drawn for designing applying and implementing strategic plans under deep uncertainty as well as recommendations for future work The publication of this book has been funded by the Radboud University the RAND Corporation Delft University of Technology and Deltares     **Studies in Intelligence** ,2019

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**Table of Contents Superforecasting The Art And Science Of Prediction**

1. Understanding the eBook Superforecasting The Art And Science Of Prediction
   - The Rise of Digital Reading Superforecasting The Art And Science Of Prediction
   - Advantages of eBooks Over Traditional Books
2. Identifying Superforecasting The Art And Science Of Prediction
   - Exploring Different Genres
   - Considering Fiction vs. Non-Fiction
   - Determining Your Reading Goals
3. Choosing the Right eBook Platform
   - Popular eBook Platforms
   - Features to Look for in an Superforecasting The Art And Science Of Prediction
   - User-Friendly Interface
4. Exploring eBook Recommendations from Superforecasting The Art And Science Of Prediction
   - Personalized Recommendations
   - Superforecasting The Art And Science Of Prediction User Reviews and Ratings
   - Superforecasting The Art And Science Of Prediction and Bestseller Lists
5. Accessing Superforecasting The Art And Science Of Prediction Free and Paid eBooks

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