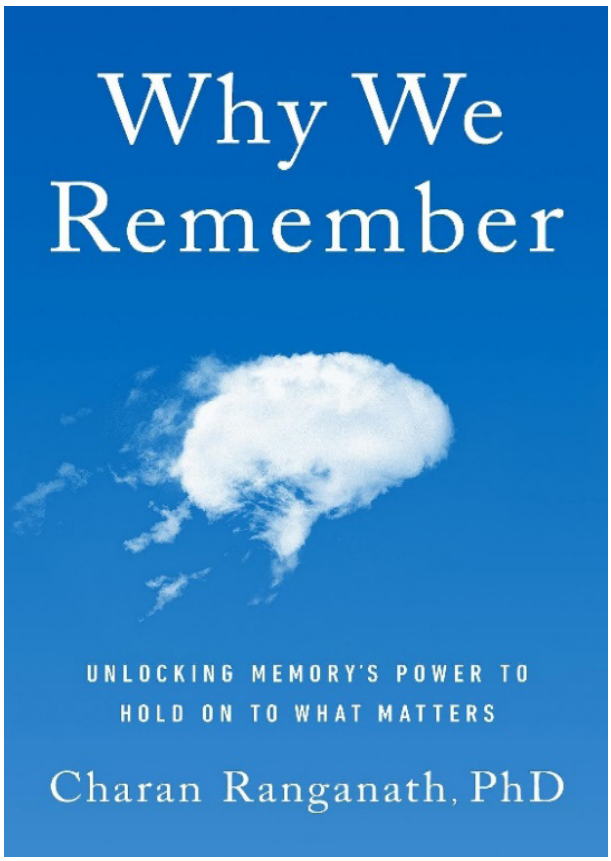
Book Review

Why We Remember

By Charan Ranganath

Publisher: Doubleday
Language: English
Published in: Feb, 2024
Pages: 304
ISBN: 9780385548632



About the Author

Charan Ranganath is the director of the Dynamic Memory Lab at the University of California at Davis and a professor in the Department of Psychology and the Center for Neuroscience. Dr. Ranganath has spent more than 25 years researching the brain mechanisms that enable us to recall past experiences using brain imaging techniques, computational modeling, and patient studies with memory problems. He has received both a Vannevar Bush Faculty Fellowship and a Guggenheim Fellowship. Currently, he is a resident of Davis, California. In addition to his work in neuroscience, Dr. Ranganath is a musician and songwriter with several recording credits, including a song on the soundtrack of a motion picture.

Appreciation and Critique

Why We Remember written by Charan Ranganath, explains the science of memory, illustrating a fascinating process of memory retention of certain experiences, facts, and emotions over time. Since Ranganath is a leading researcher in cognitive neuroscience, he brings a plethora of knowledge to the table, intertwining complex scientific concepts in accessible language to assist readers comprehend the intricacies of human memory. The author excels at translating complicated cognitive science into engaging, comprehensible language. Human mind and memory are an overwhelming subject, specifically for people without a scientific background, however, the author has clearly described the concept in an approachable manner. The author mentioned about the abstract concepts such as interaction among the hippocampus and other regions of the brain—and presented them in tangible ways. The book depicts difficult ideas in the form of conversation which allows the readers to grasp complex concept without delving into the technical jargon. The author used real-world examples and anecdotes to prove his points in the book. The book contains interesting stories related to history, neuroscience, and popular culture, which explain the science and engage the intended audience simultaneously. The real-life incidents bridge the gap between theory and practice, creating abstract concepts that are relatable. Additionally, the author integrates psychology, philosophy, and cultural perspectives into his narrative apart from relying on concept of neuroscience to explain memory. This interdisciplinary approach of author enhances the discussion, providing audience with an inclusive understanding of contribution of memory in shaping human experience. The book depicts the broader perspective on human conditions which makes the present topic relevant to everyday life by discussing the interaction of with emotion, identity, and social relationships. The most compelling aspect of this book is the inter-linkage with the memory to the broader dimensions of identity, meaning and survival. Ranganath argues persuasively that memory serves more purposes than merely recollecting information; it also aids in decision-making, self-construction, and environmental navigation. The book deftly examines the connection between emotion and memory, emphasizing how experiences and feelings continuously mold and modify memories. Ranganath provides helpful advice on how to enhance memory and make the most of our brains' capabilities throughout the book. For readers who want to improve their own cognitive talents, the

book offers practical, doable guidance on everything from memory retention techniques to memory loss prevention measures.

Although the author does an excellent job of making memory research understandable, some readers might feel that the book withholds certain key scientific details. Certain parts may seem a little too straightforward to readers with a deeper knowledge of cognitive neuroscience. Although the book's accessibility is advantageous for broad readers, it may not be as rigorous as one may anticipate for individuals seeking a more specialized or academic study of memory.

There is a propensity to concentrate on individual memory processes even though the book addresses memory in terms of both individual and collective experiences. The discussion of collective or social memory, namely how communities, societies, and cultures remember and forget common past, should have been written in elaborate manner. Given how memory is essential to identity on a personal and societal level, this would have complicated the conversation even further. For readers who are already familiar with the fundamentals of cognitive psychology, the book's repetition of concepts or ideas in slightly different ways in some sections may seem repetitive. Although this is probably done on purpose to emphasize important points, it occasionally seems like the story is restating rather than expanding upon the same concepts. The topic of memory is broad and intricate, encompassing conditions such as forgetfulness, Alzheimer's disease, and other cognitive deficits. Ranganath mentions these subjects in passing, but the book skips over the more sinister aspects of memory, such as influence of memory loss or distortion on people and families. A deeper examination of these topics might have broadened the book's focus and given it additional emotional depth.

Overall, "Why We Remember" is truly engaging and insightful book that effectively discovers the science of remembrance in a way that is both enlightening and inspiring. The author blends intellectual neuroscience with philosophical thoughts, human psychology and everyday instances to present a comprehensive aspect of influence of memory on our lives. The multi-disciplinary approach of the book enhances our comprehension of memory's wider ramifications, and its accessibility makes it appropriate for both casual readers and those with a general interest in the subject.

The book would have benefited from a more thorough examination of several subjects, such as collective memory and memory problems, and some readers could find the scientific subjects covered in passing. Why We Remember is a worthwhile reading in addition to the expanding corpus of work on the science of memory, despite these criticisms, providing both scientific and human insights that are certain to strike a chord with a broad readership. It is recommended to read this book to understand the power of human memory and retention on a deeper level along with specific reasons. This book provides a great opportunity to explore the untouched areas of human mind and its capacity to store knowledge in a unique way.

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