

BOOK
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David Vivancos



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THE END OF KNOWLEDGE

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Why I wrote this?

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Why I wrote this?

Why I wrote this book? is a profound question, because in fact I did it because I wanted to help. I feel the responsibility and the need to communicate everybody what's going on in the AI field.

We're in an era where we don't know if the news, we consume are true or fake, but there are more news than ever, and everything changes faster than us. So maybe trying to be updated is something of the past, because things come faster than we can ever be able to assimilate.

We need to have some clarity on what are the tradeoffs that we will need to make in this new world we are moving forward to, and what are the next steps.

That's the aim of this book, to try to give you my view, and synthesize my experience over the last decades, trying to be at the edge of what's possible and what some people think is impossible, also trying to be more in the side of the nearest impossible that finally made its way to the possible, than live in the realm of the possible only, since it is too boring.

In my previous books, *From Big Data to Artificial Intelligence* , first edition from 2016, and the last one, *Automate or Be Automated* , from 2020, I explored several of these topics, that will be briefly updated in this book too.

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We will explore the path from humans being able to capture data, to humans being able to create algorithms to understand data, and even predict what is going to happen in the future, thanks to Artificial Intelligence, to humans trying to do everything that they do in an automated way, with almost no interaction from any human in the loop, and to now trying to create algorithms and machines that are changing everything.

The essence of this book is to explore what is happening beyond automation. We will do a deep dive into the history of why we are here, what has happened over the last decades, or even before, to pave the way to where we are today.

Exploring in depth what could be happening over the next 5, 10 or maybe 20 years, and how can we leverage all of that towards the good of all. Because if we don't do that, I think humanity is going to face quite challenging problems over the next decade or even earlier, we don't know exactly when.

Predicting and venturing into the future is not something for the faint-hearted, also it's not something that we can nail it down to 100%, because there are many variables, and essentially, we don't have enough data.

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Even with the best algorithms that we have now, we can't do that. But we will try to see if we find hints about where all of this is headed. And this book, *The End of Knowledge*, is all about that.

To try to explain why we are starting to lose the control of knowledge, why we are starting to delegate, in so deeper ways, knowledge to machines, to a point that human knowledge may become something of the past.

And that can be tricky, if we need no more knowledge, and we have needed a lot of knowledge through history, and knowledge is power, do you remember? but if we don't really need this knowledge to have a meaningful life, to have a great life, to thrive in life, that could mean that we are headed towards a very, very different world.

The societies that we have built, are based upon knowledge, because knowledge is the foundation of work, and work is the foundation of societies, and if we tamper with this equation, we just modify it a little bit, things then will not behave the same as we expected, and we are not ready for that.

So having all that in mind, we need to see what things we humans can do to be better prepared for that imminent future, that is almost present in many ways, and to be ready for it, and do it the best we can, because our responsibility is huge.

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This is not about calling this one thing or the other, or getting stuck in discussions about if we should pause or not the development of AI, this is much deeper.

The aim of the book is also to open your eyes to what is coming, and some things are already here, some are clearly in the present, and some in the imminent future, and help you navigate the coming waves, navigate the challenges, navigate the great things that could come if we do things right, because that's something we must all do together.

It's not something that a single human can do, even with the best of the AIs. This is not something that a single government can do, or a single institution can do, because if we are not all in, most of us, are going to be out. And that's the challenge. The challenge is to go through and explore all that is coming, and let's build this future for good, and for all.

Will you join me in this journey?

David Vivancos
San Lorenzo de El Escorial
September 10th, 2023

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About the author:

David Vivancos Cerezo

Science, Art & Technology Serial Entrepreneur.

With pioneering activities since 1995 in fields as Internet, Java, Electronic Art, Virtual Reality, Artificial Intelligence, Apps, Nano Sciences, 3D Printing, Neurotechnologies, Brain Computer Interfaces or Deep Learning, including starting up 5 ventures and several initiatives in these fields.

Keynote Speaker and Author of 3 books with more than 300 conferences, seminars and workshops lectured worldwide in Europe & US. Associate lecturer in several universities, business schools & corporations.

Advisor to boards & CEOs from Fortune500s to innovative startups in the journey from the digital world to the fully automated world. KeenFolks NED & board member.

Artificial Intelligence Algorithmist, with more than 24,000h devoted to General Artificial Intelligence Research.

Brain explorer at MindBigData, built the largest open data of multimodal brain signals for Machine Learning.

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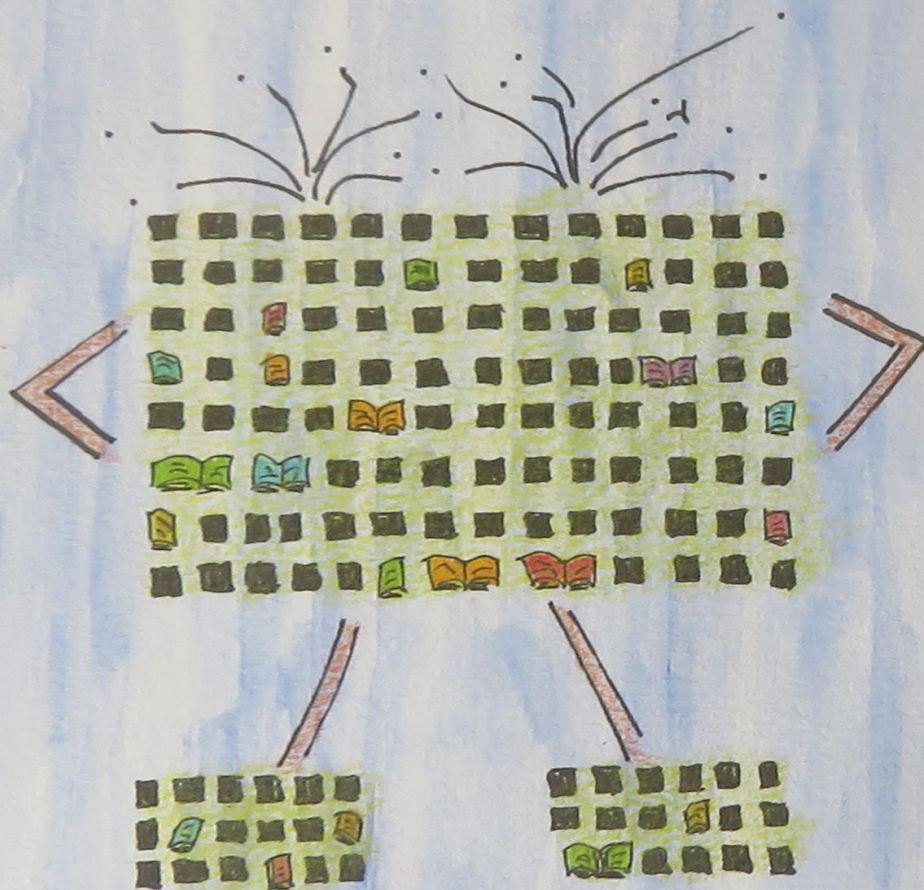
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