Artificial Intelligence for Business The challenges of talking AI to non-data scientists

Cristina Conti– SAS

🔰 @ mcristinac

🔀 Cristina.conti@sas.com



Ok, let's start here:



Sas

Do these movies explain what data science and AI are?

Not really.

They are mostly about some very smart yet obscure people, or a very hot actor and a random American sport (sorry, I didn't watch that one).



How do we explain «this stuff» then?

Let's start clarifying this for ourselves then.



Data Science, Artificial Intelligence, Machine Learning?

Wikipedia

> Data science is an interdisciplinary field of scientific methods, processes, algorithms and systems to extract <u>knowledge</u> or insights from <u>data</u> in various forms, either structured or unstructured



ABILITY TO GET INFORMATION OUT OF DATA



Data Science, Artificial Intelligence, Machine Learning?

Wikipedia

> Machine learning is a field of <u>computer science</u> that uses statistical techniques to give <u>computer systems</u> the ability to "learn" (i.e., progressively improve performance on a specific task) with <u>data</u>





Data Science, Artificial Intelligence, Machine Learning?

(SAS definition)

> Artificial Intelligence is is the science of training systems to emulate human tasks through Learning and Automation





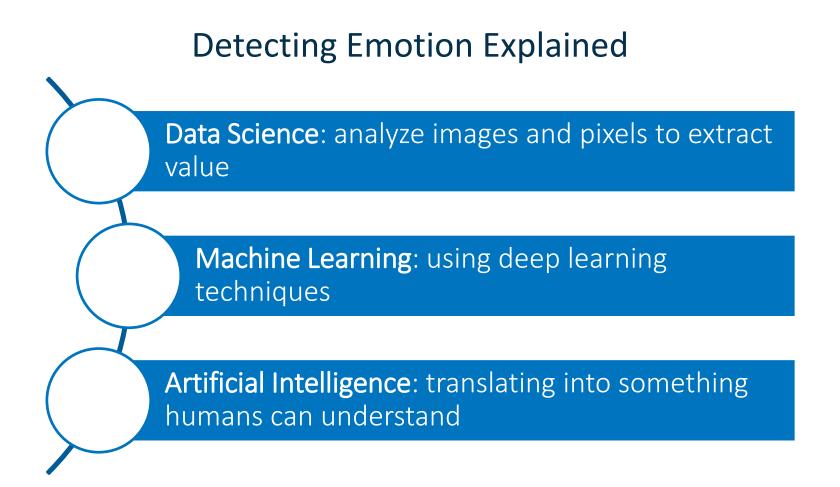
Learning Automation Benefit



An example

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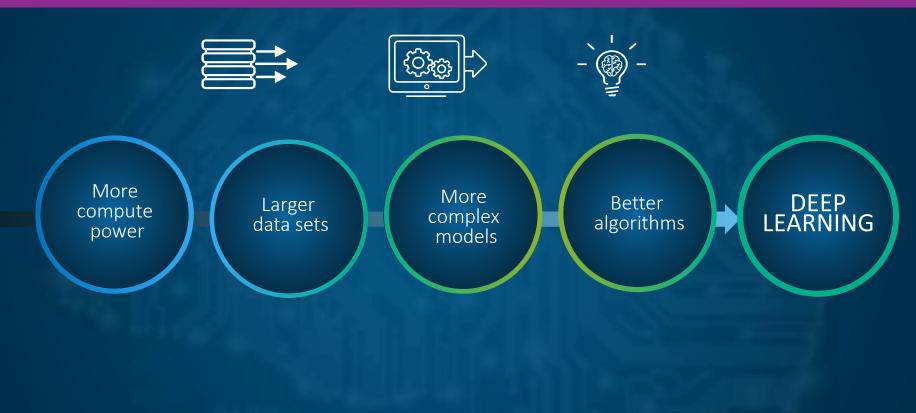




How does it technically work?

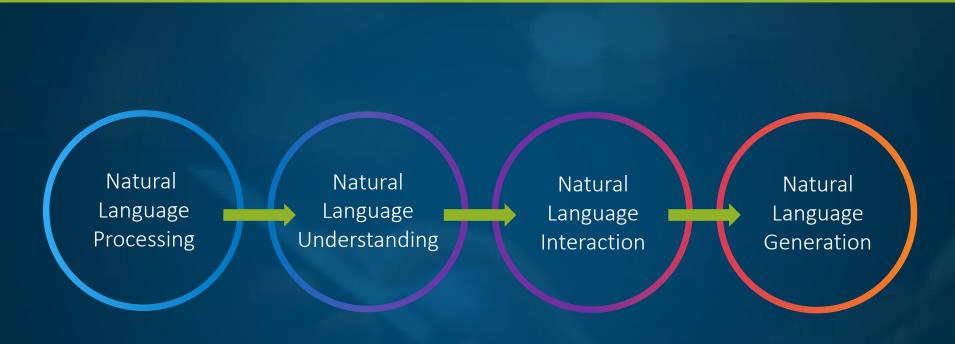


Machine Learning



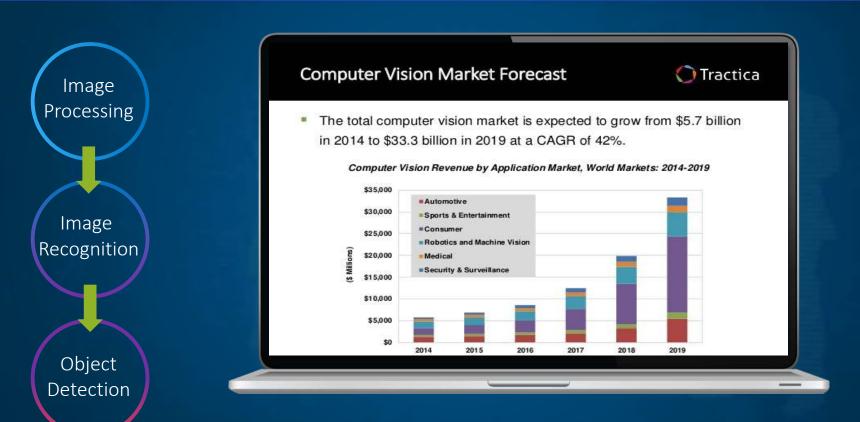


Natural Language





Computer Vision

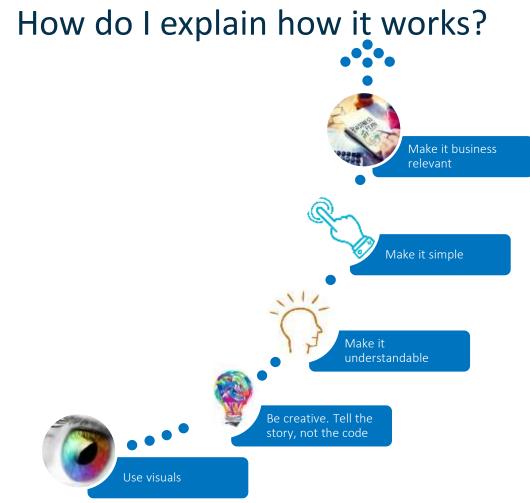




How do I explain how it works?









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What do you understand better in this example?

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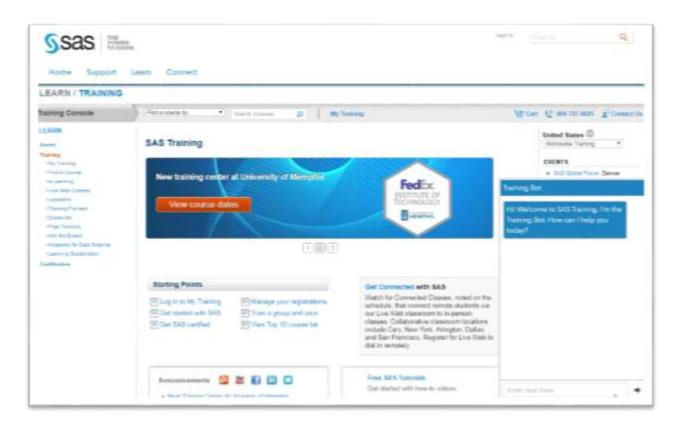


Do they need to know all details?





Simulate Human Conversation





How do I explain it?

Value.

They don't need to know the technical process. They need to know if they are going to make (or save) money (and if it's legal).



Ok. So how do I explain a recommendation engine?

Tell my husband to buy me shoes.



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Thank You Merci Dank Grazie

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