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Which are the best known machine learning algorithms?  
Infographic

# Which are the best known machine learning algorithms? Infographic

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Which are the most important machine learning algorithms?  
Anyone who has been part of this domain must have faced or posed this question at some point of time. I too am asked this often.

First things first – there are no winning algorithms. For different circumstances, different algorithms, even though they might be designed for similar outcome, result in differently oriented output. Depending upon what you want with your data analytics, an algorithm might be better suited to you than the others for that situation. Size of the data set also plays a key role in determining the model to apply. Also, iterations in existing algorithms, thereby increasing their relevance to myriad of applications, is also common. What is important to remember is that simpler algorithms aren't bad or obsolete. So, my suggestion is instead of searching for the best algorithms, one should focus on gaining awareness about fundamentals of different algorithms and their applications.

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usefulness purposes, I am reproducing the list in an infographic format – that can easily go onto a wall!

For suggestions and improvements – please add your comments below.



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**Nati** APRIL 16, 2016

Very nice list and aggregation  
I'd add RNN, transfer learning, and genetic algorithms...

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**Anubhav Srivastava** APRIL 16, 2016

Thanks Nati for the valuable suggestions. Will definitely try to add these here. I didn't purposefully elaborated on evolutionary algorithms (hence, skipped mentioning genetic algorithms).

[Reply](#)



**Paulo** MAY 5, 2016

That's a nice grouping of algorithms (though having an "Others" group is a bit of cheating 😊)  
Thanks!

I've spotted that Backpropagation is listed twice in the neural networks group, and Random Forests is also filed twice: under decision tree and under

