# AI/ML: Useful links

1. Math basics  
     
   [Maths for ML](https://www.youtube.com/watch?v=T3TpdPmTLso&t=3125s) – (Linear Algebra)  
   <https://www.youtube.com/watch?v=T3TpdPmTLso&t=3125s>  
   <https://www.youtube.com/watch?v=Y72JGMxedms>  
   <https://www.youtube.com/watch?v=bwIdXWmgSlg>  
   <https://www.youtube.com/watch?v=0GzMcUy7ZI0>  
   <https://www.youtube.com/watch?v=G4N8vJpf7hM>  
     
   Set up Ananconda/Jupyter on your machine – Python 3.5 preferred

[Youtube Video to help you](https://www.youtube.com/watch?v=OOFONKvaz0A&t=523s)

[Guide to help you set up](https://medium.com/better-programming/beginners-quick-guide-for-handling-issues-launching-jupyter-notebook-for-python-using-anaconda-8be3d57a209b)

1. Basics of AI/ML  
     
   <https://medium.com/machine-learning-for-humans/why-machine-learning-matters-6164faf1df12>  
     
   LinkedIn Learning: Course by: Doug Rose: **Artificial Intelligence Foundations: Machine Learning**

<https://medium.com/data-science-group-iitr/algos-algos-everywhere-f4e684473f14>

1. ServiceNow ML platform  
     
   <https://www.servicenow.com/products/predictive-intelligence.html>  
     
   <https://docs.servicenow.com/bundle/newyork-performance-analytics-and-reporting/page/administer/predictive-intelligence/concept/predictive-intelligence.html>  
     
   [Word Embedding](https://www.youtube.com/watch?v=5PL0TmQhItY)  
     
   <https://towardsdatascience.com/introduction-to-word-embedding-and-word2vec-652d0c2060fa#targetText=Word%20embedding%20is%20one%20of,representations%20of%20a%20particular%20word>  
     
   <https://monkeylearn.com/blog/what-is-tf-idf/>  
     
   <https://www.analyticsvidhya.com/blog/2016/11/an-introduction-to-clustering-and-different-methods-of-clustering/>

Bertelsmann Tech scholarship - neural networks:

Lesson 3:

Introduction to neural networks tutorials

[But what is a Neural Network? | Deep learning, chapter 1](https://www.youtube.com/watch?v=aircAruvnKk)(3 videos of this series)  
[Deep Learning Tutorial (the theory)](https://www.youtube.com/playlist?list=PLp_FpnyDwvuCU1GN376wUXG8vROXAtiFn)  
<https://www.youtube.com/watch?v=SGZ6BttHMPw&list=PLGskxgfYX5-7gith1jPJyTREsajbDN8vR&index=2&t=0s>