

Even if you have non technical background you can learn data science online for free by following a step by step approach. This video is for absolute beginners who want to learn data science on their own and it outlines list of topics in each areas such as python, numpy, pandas, machine learning, statistics and probability as well as online resources that can help you learn those topics. Find below links for tutorials, online courses and books that are mentioned in this video,

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Check <https://codebasics.io/> for my affordable video courses.

Data science detailed topics: <https://drive.google.com/file/d/14yb8...>

Very Simple Explanation Of Neural Network: <https://www.youtube.com/watch?v=ER2It...>

Python tutorial (first 16 videos): <https://www.youtube.com/playlist?list...>

Pandas (first 9 videos): <https://www.youtube.com/playlist?list...>

Jupyter notebook tutorial: <https://www.youtube.com/playlist?list...>

Matplotlib: <https://www.youtube.com/playlist?list...>

SQL (first 12 videos): <https://www.youtube.com/playlist?list...>

Statistics khan academy course: <https://www.khanacademy.org/math/stat...>

Machine learning tutorials (all videos): <https://www.youtube.com/playlist?list...>

Data science real life project: <https://www.youtube.com/playlist?list...>

For math, linear algebra, calculus refer to this awesome channel (3b1b):
<https://www.youtube.com/channel/UCYO...> Online free courses: Deep learning:
<https://www.coursera.org/specializati...> Python for data science:
<https://www.edx.org/course/python-for...> Data science essentials:
<https://www.edx.org/course/data-scienc...> Data science foundation:
<https://cognitiveclass.ai/learn/data-...>

Learning from data: <http://work.caltech.edu/telecourse>

Books:

Statistics: Think Stats Book: <http://greenteapress.com/thinkstats2/...>

Python: Automate boring stuff with python: <https://automatetheboringstuff.com/>

Python data science handbook: <https://jakevdp.github.io/PythonDataS...>

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