ZERO TO HERO: FULL GUIDE TO MACHINE LEARNING

(according to: ML Engineer @ Amazon, ML Engineer @ DoorDash, Data Science @ NVIDIA)

Assumptions:

- You know Python and took highschool math
- That's it.

1.	Learn mathematics
	☐ Calculus I, II
	☐ Linear Algebra (understand dot product, matrix manipulations)
	☐ Fundamentals of Probability Theory
2.	Learn the ML Developer Stack
	☐ Jupyter notebooks
	☐ Pandas
	☐ Numpy
	☐ MATPLOTLIB
	☐ Scikit-learn
	☐ TensorFlow
	☐ PyTorch
3.	Watch the following courses:
	 Machine Learning Specialization by Andrew Ng
	 Neural Networks: Zero to Hero by Andrej Karpathy
	 Deep Learning Specialization by Andrew Ng
	□ NLP Course via HuggingFace
4.	Build your portfolio
	☐ Work on Kaggle challenges
	Reimplement a research paper - then recreate results
	☐ Publish a paper @ top conf.
	☐ Write blog posts
	i. Projects, papers read, summaries of papers, etc.
	Contribute to open source
	Build personal projects involving ML
	☐ Teaching, blog posts/YouTube (heavily recommended by everyone)