Twitter Thread by Santiago



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My recommendations to start with machine learning math:

• Statistics 110: Probability — Harvard University
• Essence of Linear Algebra — 3Blue1Brown
• Multivariate Calculus — Coursera

Links and 3 additional free resources here: https://t.co/fEmpmRKEvJ

- **Seeing Theory** — An interactive website that takes you through some of the most critical probabilities and statistics concepts. These should be enough to get you started, and you will have fun while going through it!
- **Statistics 110: Probability** — If you are looking to get a more advanced overview of Probabilities and Statistics, this course from Harvard University is an excellent introduction to probability as a language and a set of tools for understanding statistics, science, risk, and randomness.
- **Essence of Linear Algebra** — Who doesn't love Grant Sanderson's YouTube videos? Go through this playlist for a refresher in Linear Algebra, and you'll be more than ready to face any machine learning demons.
- **Linear Algebra** — This is MIT Course 18.06, taught by Profesor Gilbert Strang. Definitely one of the best linear algebra courses that you'll ever find. Prof. Gilbert makes the subject ridiculously simple and engaging.
- **Essence of Calculus** — This is Grant Sanderson's excellent take on calculus. A series of videos that are informative and make calculus feel like something you could have discovered yourself.
- **Multivariate Calculus** — This is a free, beginner-friendly introductory course to building your confidence and introduce you to the multivariate calculus required to build many common machine learning techniques.

If you are looking for more machine learning content, give me a follow and I'll keep your feed interesting ■.