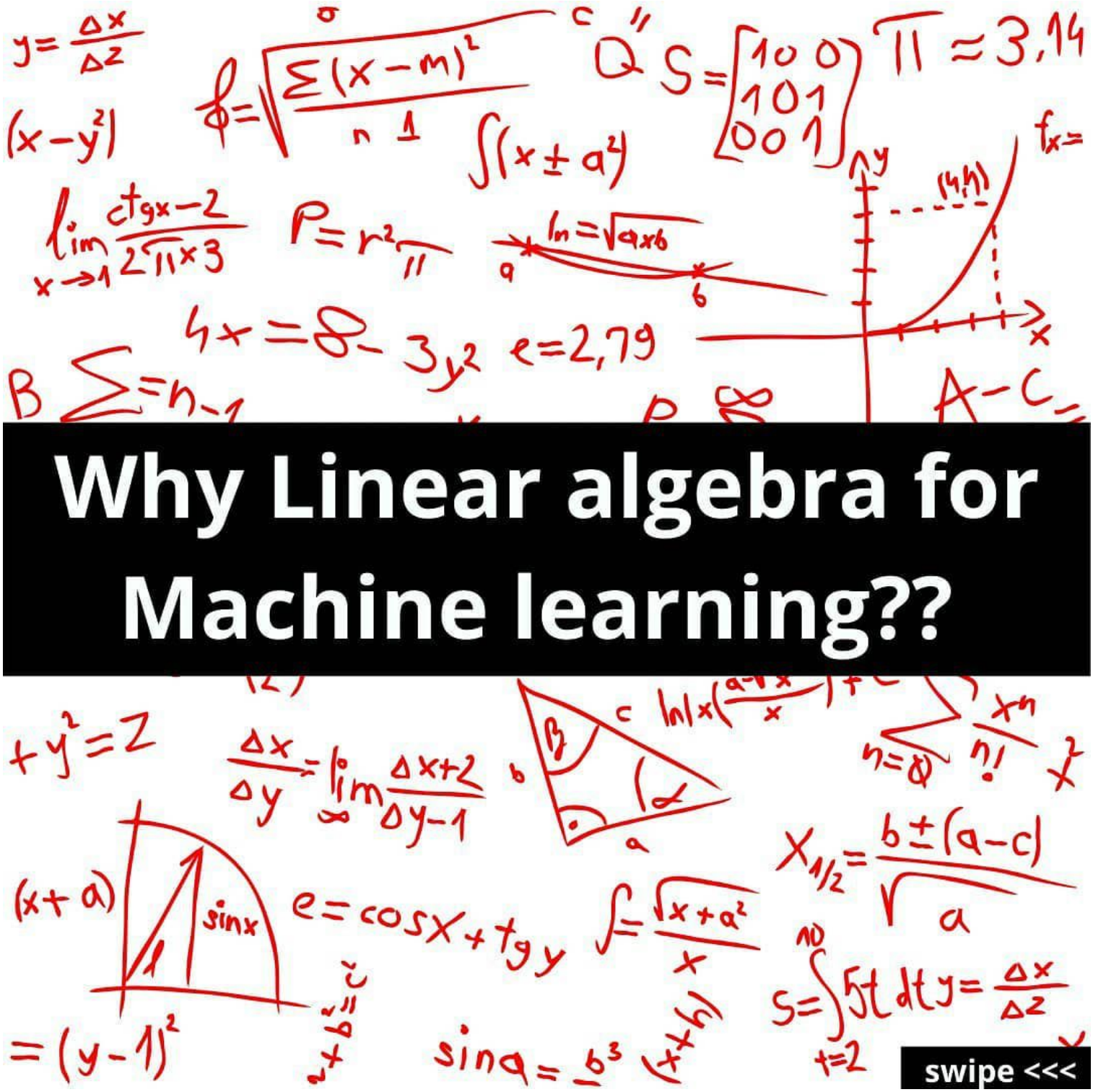

Why Linear algebra for Machine learning??

swipe <<<

- **Lot of ML concepts are tied up with linear algebra.**
- **To understand notation in books.**
- **Helps you to read and interpret statistical concepts.**
- **Helps to understand PCA**
- **It Helps Build Better ML Algorithms From Scratch**
- **For Processing Graphics In ML**
- **Helps to understand Matrix factorization**
- **ML completely uses matrix operations.**

Resources <<<

- Essence Of Linear Algebra By 3Blue1Brown
- Linear Algebra By Khan Academy
- Computational Linear Algebra for Coders By fast.ai
- MIT linear algebra

- Introduction to Linear Algebra by Gilbert Strang,
- Numerical Linear Algebra by Lloyd Trefethen.
- Linear Algebra and Its Applications by Gilbert Strang.
- Matrix Computations by Gene Golub and Charles Van Loan
- Deep Learning (book) deeplearningbook.org

- Linear Algebra on Khan Academy
- Linear Algebra: Foundations to Frontiers on edX
- Andrew Ng's Machine Learning course on Coursera

Thank You.

Like, Comment, Share and Save it for Later

Happy Learning

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