Twitter Thread by Pratham Prasoon



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Machine Learning for the Web developer in 2021.

The beginner's guide.■

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I started machine learning as a web developer, if I can do it then anyone can.

This carefully curated thread will give you key insights into my journey and how you can make this transition, seamlessly.

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"Machine learning is not what you think it is"

One of the main reasons why people find it difficult to get started with machine learning is because of the lack of information, and rightfully so.

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Machine learning as a concept has existed since the 1950s, but has only become popular in recent years because of the exponential rise of advancements in computer hardware.

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In short, it because of the sudden rise of this technology ,which was previously unknown to the general public, that there is a lot of misinformation around it.

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The two most common misconceptions about getting started with machine learning are:

- You need PhD math

- You need a really expensive computer

Math is important but it is not for getting started with machine learning, it can come later on.

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You do not need any those of those to get started, here's what you really need:

- A computer or smartphone
- Knowing how to program decently well
- Hunger for learning

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Most web developers pretty much have all of these under their belt!
What you really need are some resources and guidance.

Let's start with the language you should use for machine learning

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The JavaScript machine learning ecosystem is quite mature enough yet, which is why I will suggest you to learn Python.

Not to mention that getting started with Python will be a piece of cake if you already know JavaScript.

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This course by FreeCodeCamp will help you get started with Python.

■www.■youtube.■com/watch?v=rfscVS0vtbw

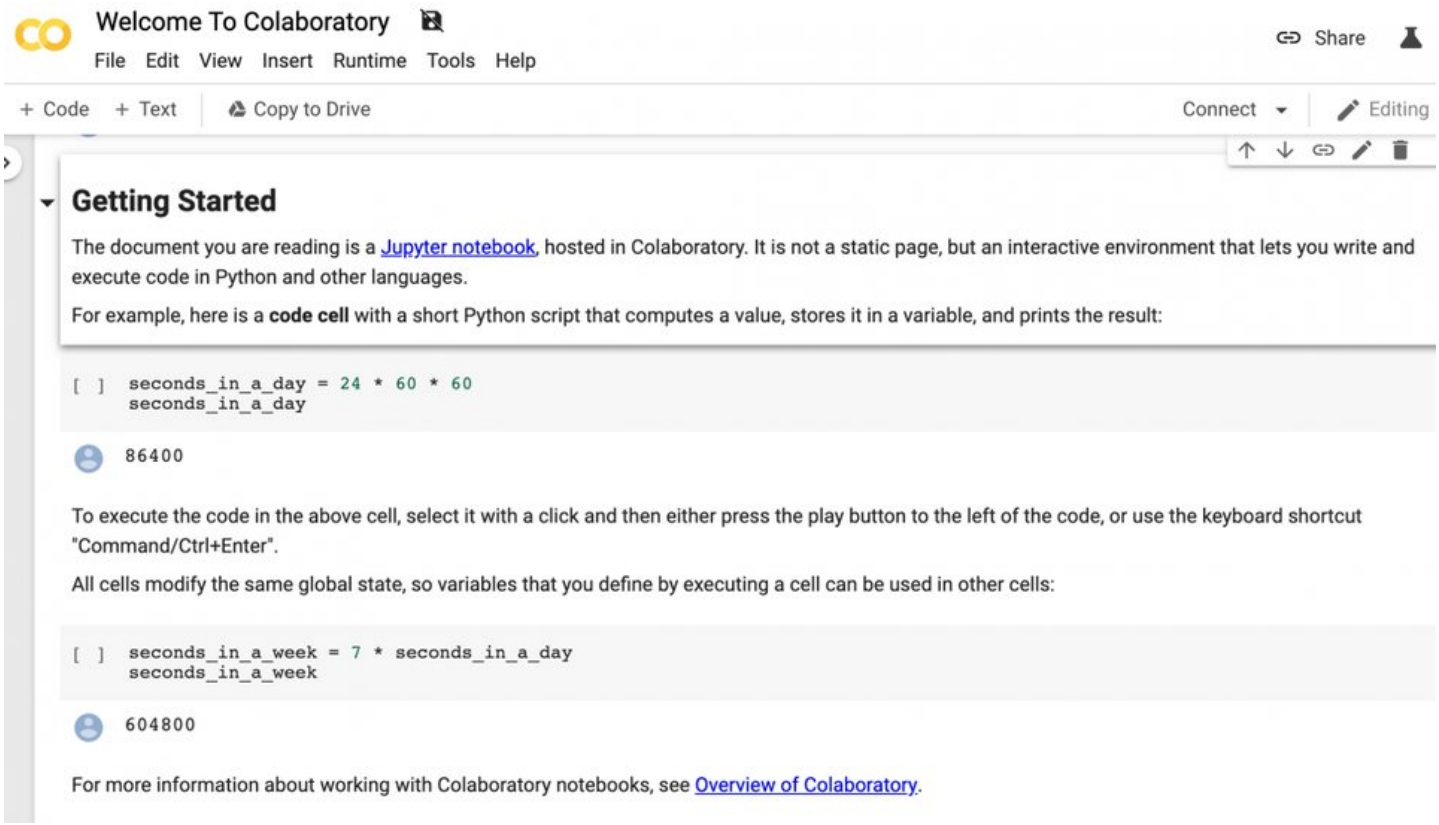
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It is highly recommended that you use Google colab (an online IDE) for your machine learning code. You'll get a free GPU and you will not have to download large libraries onto your computer, everything stays in the cloud.

■colab.■research.■google.■com

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Kaggle is the best place to look for datasets and competitions which you can participate in to take your machine learning skills to the next level.

This thread will guide you on how you can get started with one such kaggle challenge

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https://t.co/yo2W7nWBj2

> Here's how I got started with my first machine learning project and you can too.
> Let's take a look.
>
> (This thread will take from zero to being a hero in machine learning, trust me)
>
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> \U0001f9f5\U0001f447 pic.twitter.com/TBDki9Iy7e
>
> — Pratham Prasoon (@PrasoonPratham) December 4, 2020

You've probably learnt a lot by now and you should be proud about it, however there is still lots to learn.

- Visualising data using matplotlib
- Activation functions
- Decision Trees
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