## World Class Machine Learning

Machine Learning Hub

Menu_		
	ABOUT US	
Menu		

## 10 Ideas for Machine Learning Side Projects (6/22/18)

Posted on June 20, 2018 by Jonathan Steele

Hello Everyone!

If you haven't caught on, ML stands for Machine Learning and it's the topic of this entire blog!

So I'm about to give you 10 of my many ML side project ideas! If you have questions about them, feel free to leave them in the comments! I'm just giving you brief overviews / topics. The details of such side-projects are what you all get paid for as Machine Learning Engineers! But if you want any advice on implementing them, I'd be happy to give you some more ideas!

If these ideas helped you think of any ideas of your own, feel free to share with the rest of us in the Comments section!

- 1. Try out the Kaggle learning tracks!
- 2. Try to win one of the <u>Kaggle competitions!</u>

- 3. Look at <u>Job Postings</u> and try out a new Framework / Language that it mentions (Google that framework and then do the Getting started Tutorial.
- 4. Go look at <u>Algorithmia Bounties</u>. (Here is a <u>specific one</u>, but the link will probably break eventually and/or the bounty will end)
- 5. Try out Andrew Ng's <u>Machine Learning Course</u> and use Octave to manually implement some Machine Learning Algorithms!
- 6. Build a <u>Recommendation system in Java</u> with this Coursera course! (Probably a good option if you're familiar with Java)
- 7. Create a Chatbot to help Users find content on the website that it's installed on.
- 8. Create a Text-to-Speech tool for Navajo.
- 9. Create a Speech-to-Text tool for Navajo.
- Practice Data-Mining by scanning the internet for Beginner Crocheting Stitches and giving some good results.
- 11. (BONUS) Do machine learning diagnostics on Instagram marketing to figure out all the Instagram-marketing tricks.

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