Data Science in 3 months

https://github.com/Ebouzard/Learn_Data_Science_in_3_Months

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	Topic	Resource	Time	Status	Start	Due on	Done	Suggestions
week 1	Intro Python	https://www.edx.org/course/introduction-python-data-science-2	24 hours aprox	to do				
	Intro Python by Siraj: - Intro Python & Data Science - Twitter sentiment analysis - Recommendation system - Predicting stock prices - Deep Learning in TensorFlow - Genetic Algorithm	https://www.youtube.com/watch?v=T5pRlIbr6gg&list=PL2-deFM0kZ6AE	45 min aprox	to do				https://github.com/3x3770/Learn_Data_Science_in_3_Months/blob/master/week1/Deep%20Dream%20tensorflow.ipynb
	Assignment 1 in Python							
week 2	Statistics & Probability	https://www.khanacademy.org/math/statistics-probability	16 courses					
	Assignment 2							Challange from Khan Platform
week 3	Data Pre-processing, Data Visualization, Exploratory D	ttps://www.edx.org/course/introduction-to-computing-for-data-analysis	150 hours aprox					
	Assignment 3							
week 4	Kaggle Project # 1	https://www.kaggle.com/competitions	take your time					
week 5	Algorithms and Machine Learning	https://courses.edx.org/courses/course-v1:ColumbiaX+CS102X+2T20	6 months					
	Assignment 4							
week 6	Algorithms and Machine Learning	https://courses.edx.org/courses/course-v1:ColumbiaX+CS102X+2T20	6 months					
	Assignment 5							
week 7	Deep Learning Book - chapter 1 & 2	https://www.deeplearningbook.org/						
	Deep Learning by Siraj	https://www.youtube.com/watch?v=vOmmHpyTQ&list=PL2-deFM0kZ7zWu4XfKxfhTH5o6EiO						
	Assignment 6							
week 8	Kaggle Project # 2	https://www.kaggle.com/competitions	take your time					
week 9	Databases (SQL and NoSQL)	https://www.udacity.com/course/intro-to-relational-databases--ud197	4 weeks					
	NoSQL	https://www.edx.org/es/course/introduction-to-nosql-data-solutions-2	3 weeks					
	Assignment 7							
week 10	Hadoop & Map Reduce	https://www.udacity.com/course/intro-to-hadoop-and-mapreduce--ud617	4 weeks					
	Spark	https://stanford.edu/~rezab/spark/exercises/ex1/ex1_solutions.pdf						
	Assignment 8							
week 11	Data StoryTelling	https://www.edx.org/course/uqx/uqx-storytelling-impact-1	6 weeks					
	Assignment 9							
week 12	Kaggle Project # 3	https://www.kaggle.com/competitions						