

*DataScience for Development and Social Change, 2015*

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# Continuing your journey

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Where to go from here

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# Things we didn't cover in class...

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- ❖ Statistics
- ❖ Specific algorithms like k-means clustering
- ❖ Specific application areas like machine learning

(Resources for these: Coursera, MITx, Stack overflow)

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# Community Websites

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- ❖ Crossvalidated = question / answer website for data scientists (part of StackOverflow)
- ❖ Datascience Stack Exchange
- ❖ Datatau



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# Local Meetups

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- ❖ Data driven NYC
- ❖ NYC predictive analytics
- ❖ DataKind NYC
- ❖ NYC datascience
- ❖ Data skeptics
- ❖ NYC data wranglers
- ❖ Hacks / Hackers
- ❖ NYC Pyladies
- ❖ Data Visualisation New York

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# Data Hackathons

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- ❖ DataKind - read their projects list to see what's possible in a weekend

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# Practice Websites

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- ❖ You become a data scientist by doing data science. Here are some places to do that...
  - ❖ Kaggle - online datascience competitions
  - ❖ Driven Data - social good datascience competitions
  - ❖ Innocentive - some datascience challenges
  - ❖ CrowdAnalytix - business datascience competitions
  - ❖ TunedIt - scientific/industrial datascience challenges
- ❖ NB if you don't want to become a data scientist, that's okay too... the sites above are good places to ask the crowd for solutions, but you need to be able to supply datasets and describe the problems you need solved.



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# Books

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- ❖ Cathy O'Neil, Rachel Schutt “Doing Data Science”
- ❖ Wes McKinney “Python for Data Analysis”