



Andrew Ho <kironide@gmail.com>

Weeks 5 and 6 – Bifurcation!

2 messages

Jonah Sinick <jsinick@gmail.com>

Sat, Mar 12, 2016 at 8:30 PM

To: Ali Bagherpour <ali.bagherp@gmail.com>, Andrew Ho <Kironide@gmail.com>, Chad Groft <clgroft@gmail.com>, David Bolin <david@bolin.at>, Jacob Pekarek <jpekarek@trinity.edu>, Jaiwithani <jaiwithani@gmail.com>, James Cook <cookjw@gmail.com>, Linchuan Zhang <email.linch@gmail.com>, Matthew Gentzel <magw6270@terpmail.umd.edu>, Olivia Schaefer <taygetea@gmail.com>, Sam Eisenstat <sam.eisenst@gmail.com>, Tom Guo <tomguo4@gmail.com>, Trevor Murphy <trevor.m.murphy@gmail.com>, Robert Cordwell <cordwell@gmail.com>

Hi All,

Thanks very much for your work to date.

Because of the heterogeneity of people's backgrounds, we're going to

- Extend the program to 8 weeks (through April 8th) for students who would like additional time to become more comfortable with the material.
- Explicitly bifurcate the program into two tracks, one for students who plan to finish on March 25th and another for students who plan to finish on April 8th. **Please respond to this email indicating which one you would like to be on.** If you're unsure, let me know, and we can talk about it on Monday.

Track 1: Finishing on March 25th will entail shifting toward focus on final projects and interview prep. If you feel as though you're at this point, send me an email (cc-ing Sam Eisenstat sam.eisenstat@gmail.com) by Sunday evening with your current thoughts as to what you would like to work on. You're not expected to have one yet, but if you do, describe your current conception of it in detail. Also let me know if you don't yet have one, but have a general sense for the area that you'd like to explore or methods that you would like to use. Take a look at the #projectideas channel on Slack for some ideas.

Track 2: This will be more structured, with 2 more weeks of appropriate review of the material that you've seen and haven't had a chance to internalize, and further small projects for practicing the same method and concepts. If you would like to do this, send me a description of what material you feel comfortable

I look forward to seeing you on Monday :-).

Jonah

Andrew <kironide@gmail.com>

Tue, Mar 15, 2016 at 1:36 AM

Reply-To: Kironide@gmail.com

To: Jonah Sinick <jsinick@gmail.com>

Cc: Sam Eisenstat <sam.eisenst@gmail.com>

Here are some ideas I'd like to work on in the next two weeks:

- Applying latent Dirichlet allocation and extensions thereof to automatic analysis of music (as in http://cseweb.ucsd.edu/~dhu/docs/research_exam09.pdf). It's unclear to me whether this might actually produce any interesting results, but I'll have a better idea of the situation after I read the few relevant papers in detail.

- Finishing up a small project I started two weeks ago using correlated topic models (an extension of LDA) to look at the ten years' worth of blog posts on <http://www.dorfonlaw.org/> and the time evolution of relative topic frequencies.

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- Understanding factor analysis more deeply and applying it to datasets with psychometric data.

Andrew

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