Welcome to the
LAK Hackathon 2017

Vancouver, Canada, March 13-14, 2017

Monday Morning Session

Orientation and scene-setting

Meet the Facilitators

Hack
@LAK

Tanya Dorey-Elias,
Thompson Rivers U

Adam Cooper, Tribal

Alan Berg, UvA/Apereo

Lee Baylis, Jisc

Niall Sclater, Jisc

Thanks also to Kirsty Kitto, who is workshopping elsewhere, for contributing to the vision and design of the hackathon.
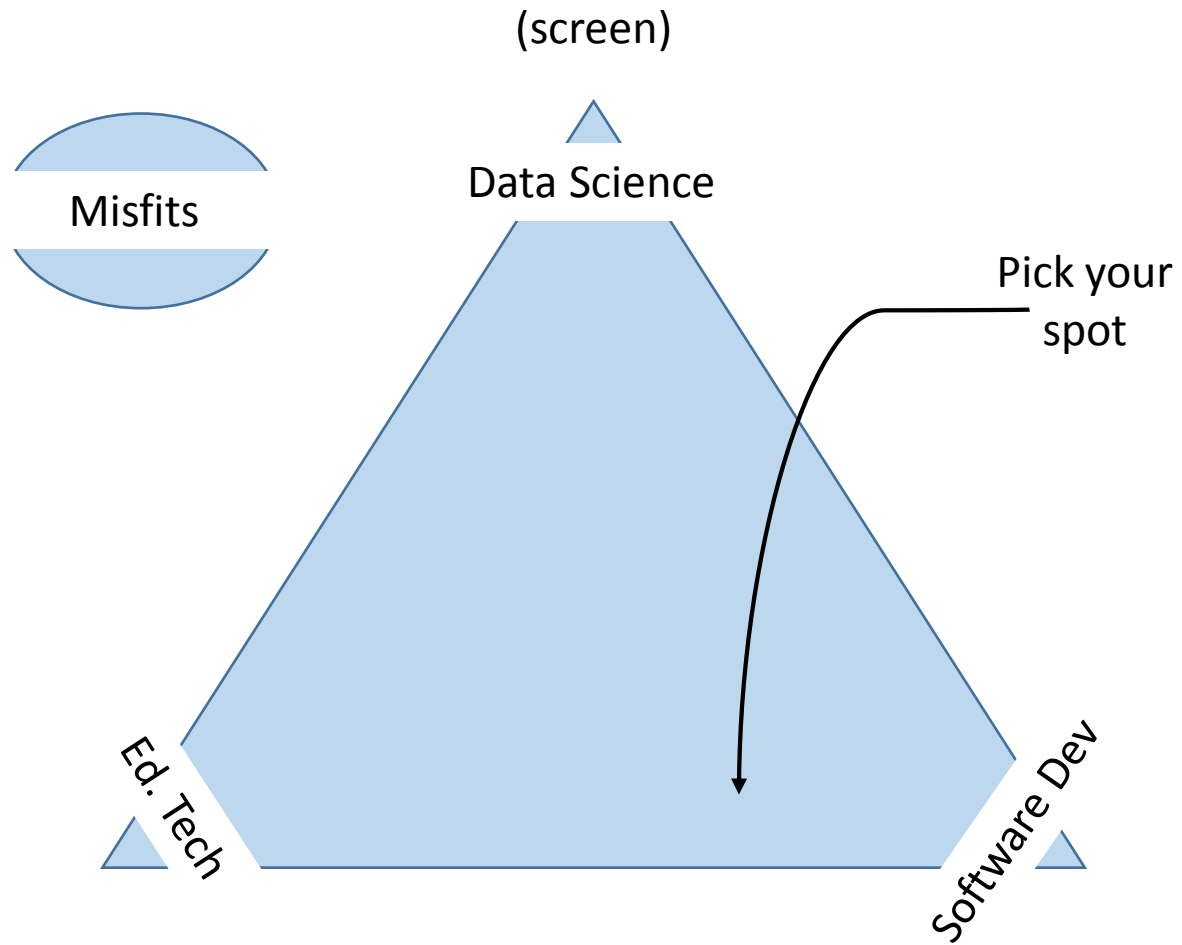
Structure and Ethos

- Half day – orientation and scene-setting
- Half day – problem definition and 1st ideas - participate, take control…
- Half day – build and refine ideas
- Half day – sharable assets

- Openness, honesty, passion, respect for multi-vocality, sharing, embrace fluidity, collegial criticism

Online Resources

- GitHub https://is.gd/LAK17Hackathon

- General info and links to past LAK hackathons:
  http://lakhackathon.wordpress.com

- Slack team https://lak17hackathon.slack.com

- #LAKHackathon

Where Does Your Expertise Lie?

Hack @LAK

(screen)

Data Science

Misfits

On Your Feet!

Pick your spot

Ed. Tech

Software Dev

Socialisation #1 – Birds of a Feather

As a group, discuss and summarise:

- Expertise, knowledge, skills you mostly have in common

- Specialist expertise, knowledge, skills (1 or 2 people)

- Things you feel most ignorant about – other domains

Report your summary

Of relevance to the hackathon

Socialisation #2 – Different Feathers

Randomise yourselves into groups of 5

Discuss:

• How did you get interested in Learning Analytics?

• What do you hope to get out of the hackathon?

• What "other expertise" do you most value?

Report back 1-2 surprising or amusing things someone said.

Setting the Scene

- Hackathon theme
- Interoperability and standards context
- Pitching challenges
- Outlining the provided tech

… over to Tanya

Monday Afternoon

Problem definition and first ideas

What Might We Do?

- Wireframe
- Demo/mockup visualization
- UI/visualisation from API/data
- xAPI/Caliper recipe
- Requirements:
  - data we should collect
  - software we need
  - data science we need
  - Interoperability/standards

- Map database to LA stats
- Generate synthetic data
- Set up mock API
- Critique, re-design
- Raise issues
- …

Problem Definition – in Groups

- Home in on a challenge (select, adapt, invent)
- Elaborate a problem definition within an achievable scope
- Clarify the kind of output/outcome for the group
- Define tasks and contribution/role of group members
- What expertise/knowledge is not available in the group (shout-out!)
- For which items of the provided tech do you need guidance?

- Share: GitHub Projects, flipchart (photo), plenary exchange

Develop 1st Ideas

- Start practical work

- End of day stand-up to share progress, difficulties, new ideas…

- Tomorrow we will start with the sharing of thoughts and ideas that emerged from quiet reflection, discussion over dinner or in the bar.

Tuesday Morning

Build and refine ideas

Build and Refine Ideas

- Sharing reflections

- Borrowing people

- Work through to lunch but be ready to present informally

Tuesday Afternoon

Finishing off, making sharable assets

Heading to Sharable Assets

- Informal plenary presentations, discussion, Q&A

- Final tweaks, writing explanatory notes, …
  How will you make a difference?

- Deposit in GitHub

- Final discussion
  - Promising outcomes to follow up, possible next-steps
  - What did we learn that is intangible?
  - What worked or didn't work well?
  - Replicating/improving the ideal of practical activity with multiple expertise to drive the development of more relevant Learning Analytics.