An outline idea - expressed as a set of mockup screens - for the LAK17 Hackathon, taking Tribal Student Insight as a jumping-off point.

Adam Cooper, Tribal Group, March 2017

# Jumping Off Points

Inspiration drawn from challenges 1 and 7 in the slide deck at

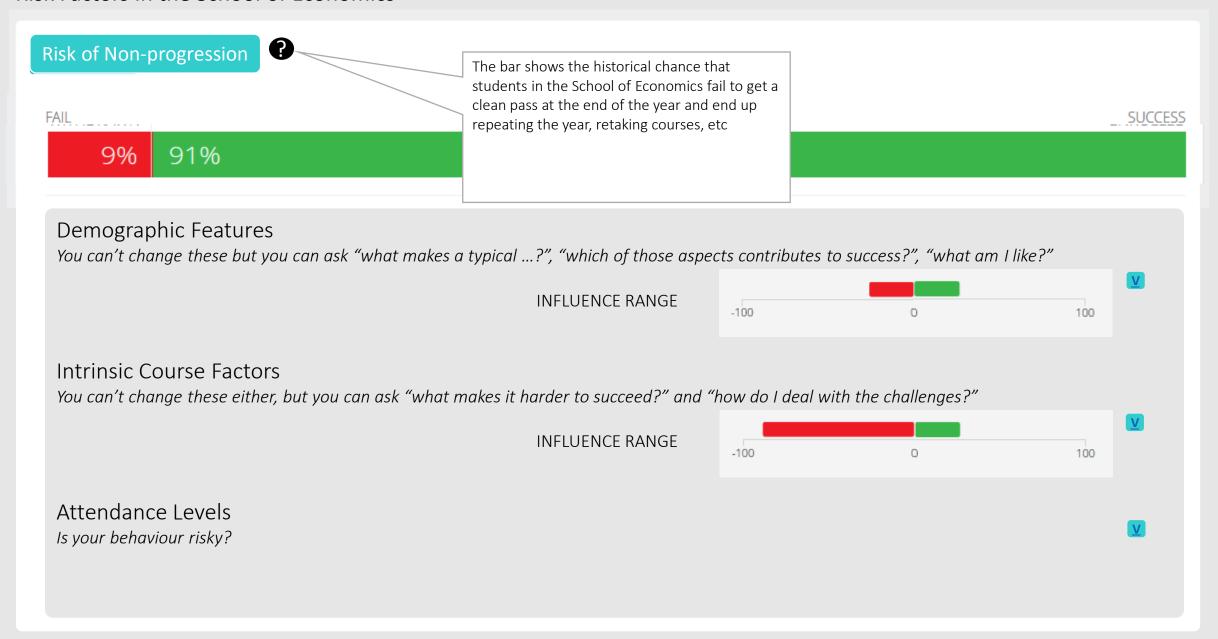
- Making predictive analytics safe for students
- Data literacy playground (more could be woven in from here)

# Aims = to give students...

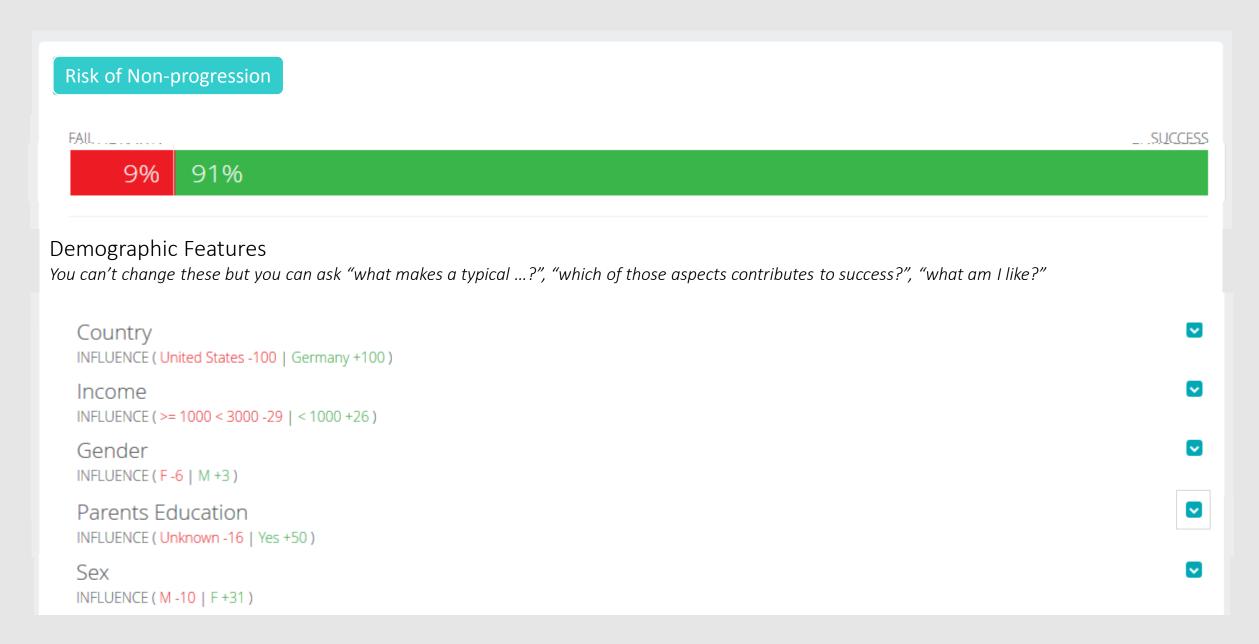
- Visibility of the attributes used in the analytics
- Indication of the influence of these factors on the chance of outcomes according to historical data in their school
- Scaffolding for self-efficacy
  - consider why some features correlate with the outcome
  - assess their situation
  - formulate plan to deal with difficulties, address weaknesses, build on strengths, etc.
- Contextualised links to hints on strategies, practical action, sources of help

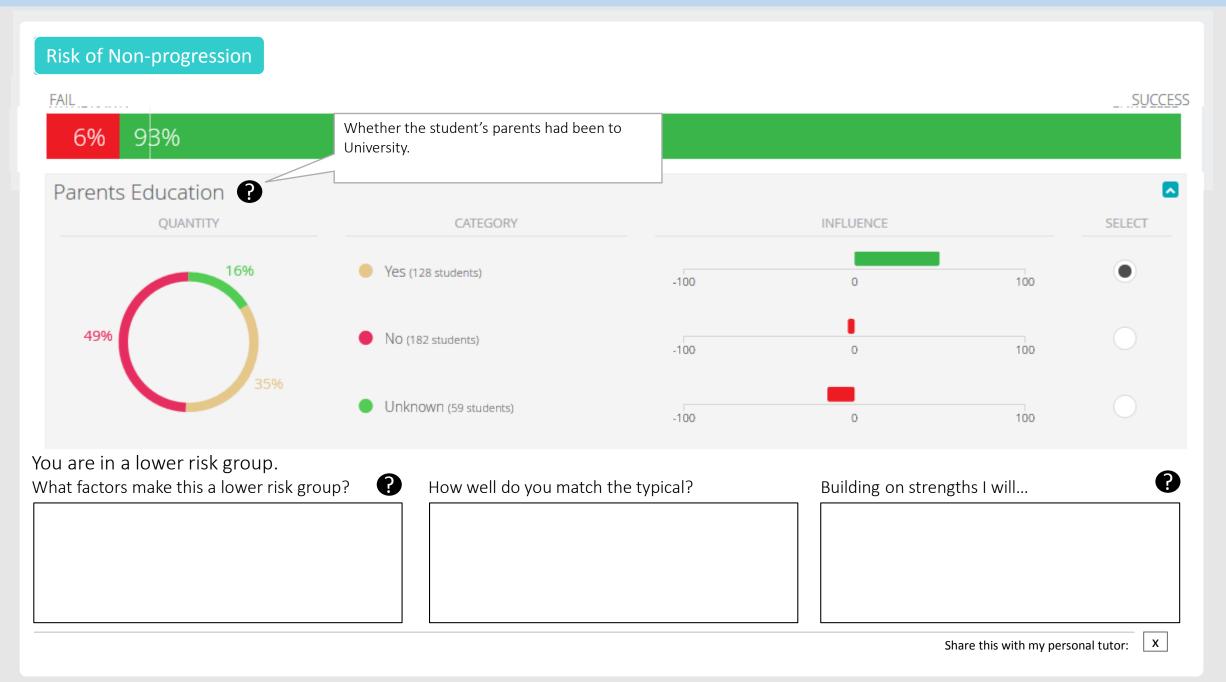
- ... but to NOT give them a prediction of their level of risk
- and to try to navigate around "gaming", chasing proxies, various other potential negative aspects

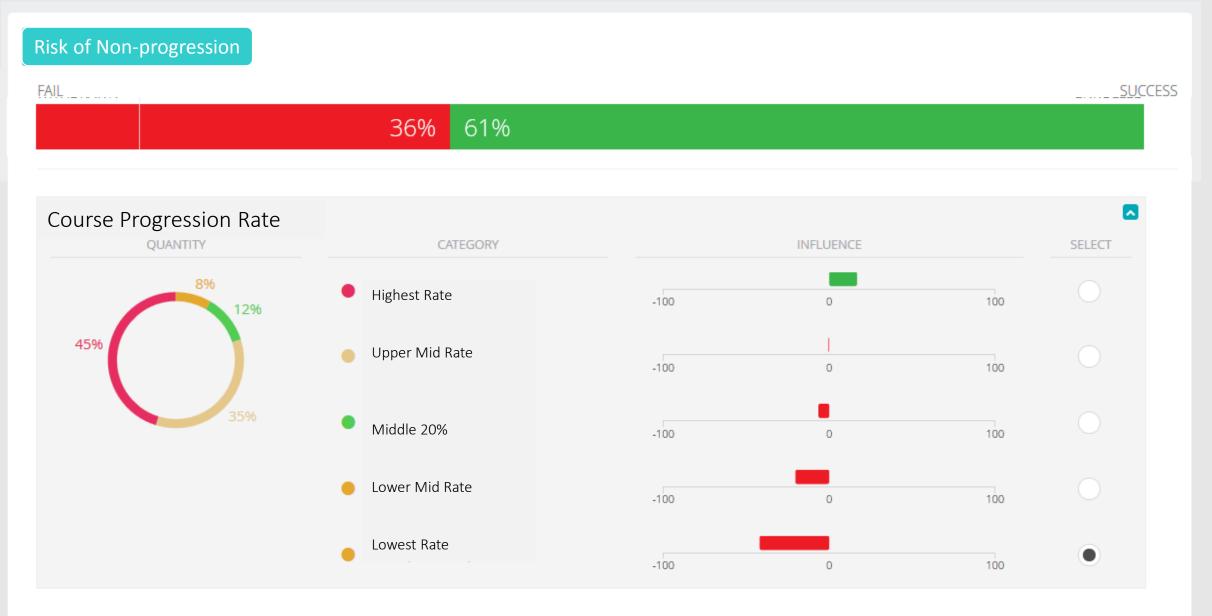
#### Risk Factors in the School of Economics



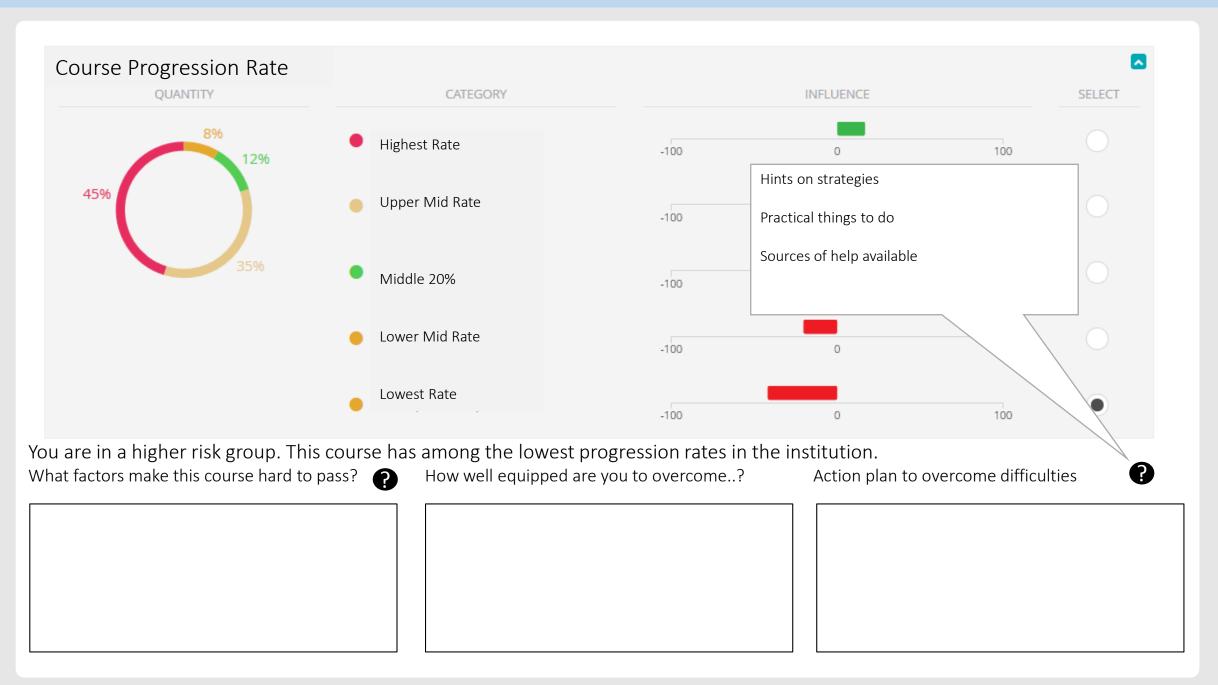
#### Risk Factors in the School of Economics







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# Some Further Ideas

- Link to ELLI (effective lifelong learning inventory) and CLARA (<a href="https://utscic.edu.au/tools/clara/">https://utscic.edu.au/tools/clara/</a>)
  - Could just sit as a deepening tool without being connected to analytics
  - Could over time collect enough data to begin to tell compelling stories about the development of self-efficacy and outcomes.

Created by Adam Cooper, Tribal, on March 14<sup>th</sup> 2017 at the 7<sup>th</sup> International Learning Analytics and Knowledge Conference in Vancouver, Canada.

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