SOLUTIONPATH

Student Engagement Analytics

www.Solutionpath.co.uk

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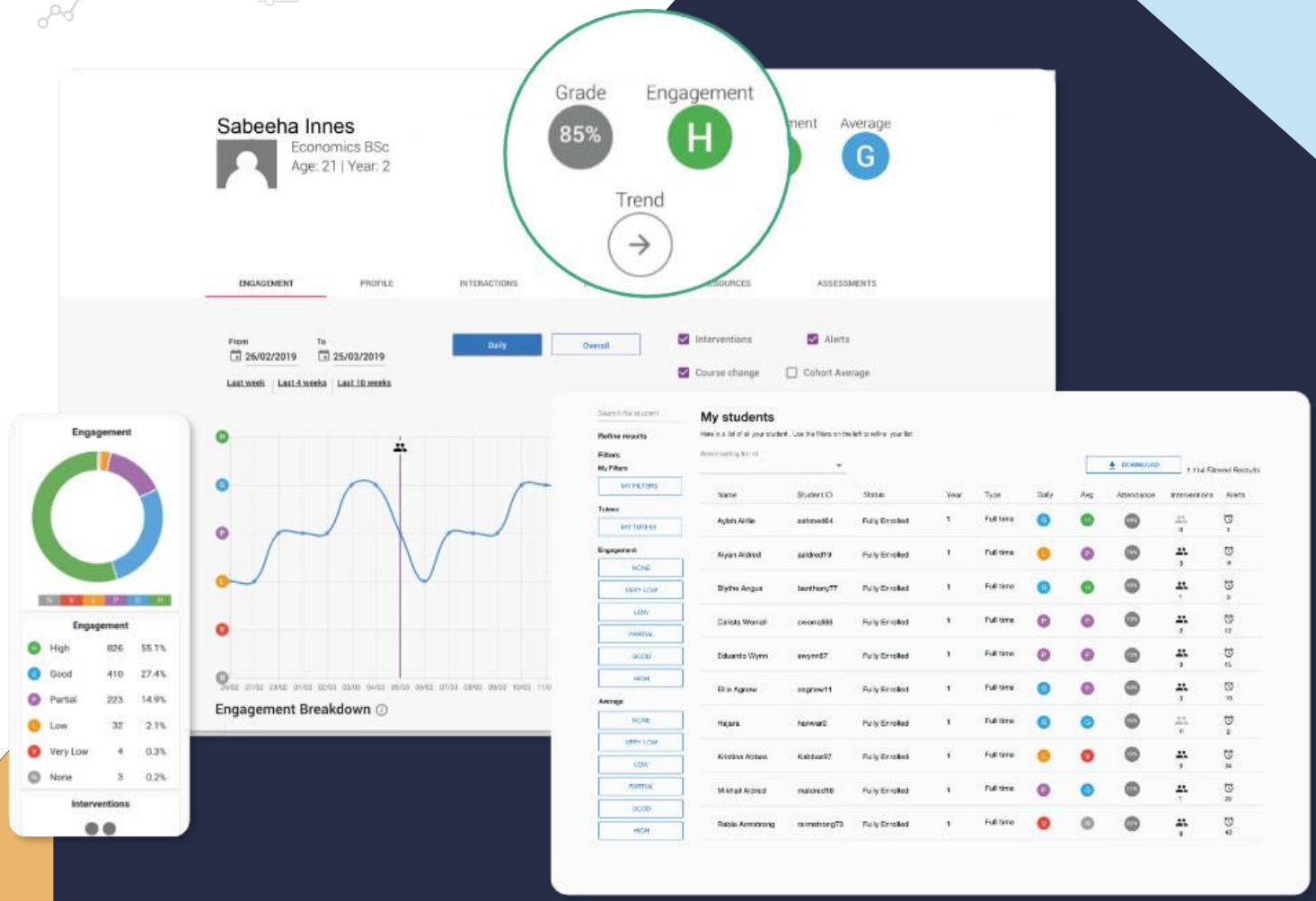
A pioneering product that is revolutionising the way universities visualise and manage **student engagement.**

Student engagement analytics is a critical tool for supporting strategic agendas including;

- Student retention
- Student attainment
- Wellbeing
- Student Success



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A powerful proxy for progression

With a strong correlation between engagement and retention, wellbeing and attainment, **student engagement analytics** provides powerful insights into how students are progressing.

Enabling universities to…

- Easily identify students showing signs of ‘risk’ to progression
- Activate proactive, relevant and timely support interventions
- Build a better understanding of engagement and ‘what works’ at individual, course or cohort level

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Based on evidence and research

Created in collaboration with Nottingham Trent University (since 2012) to foster a sense of belonging, support student retention and success.

Key findings:

'*Low engaged students are more at risk of early departure from the start of the academic year*' - **95**% of students with 'high' average engagement complete the first year compared to 20% of students with 'low' average engagement.

'no-engagement' alerts are found to be more efficient at spotting students not progressing and not attaining than demographic data alone - the chance of students with a widening participation status generating a disengagement alert is on average **43%** higher.

'Students who do more, generally do better'- Students who average in high engagement categories (73%) are more likely to achieve a **2.1** grade or higher.

NOTTINGHAM TRENT UNIVERSITY

SUPPLIER AWARDS 2016 WINNER BEST USE OF TECHNOLOGY NOTTINGHAM TRENT UNIVERSITY Procurement

SUPPLIER AWARDS 2015 SUPPLIER OF THE YEAR WINNER NOTTINGHAM TRENT UNIVERSITY Procurement

SUPPLIER AWARDS 2017 BEST USE OF TECHNOLOGY WINNER NOTTINGHAM TRENT UNIVERSITY Procurement

Read more from Ed Foster, NTU
https://livinglearninganalytics.blog/

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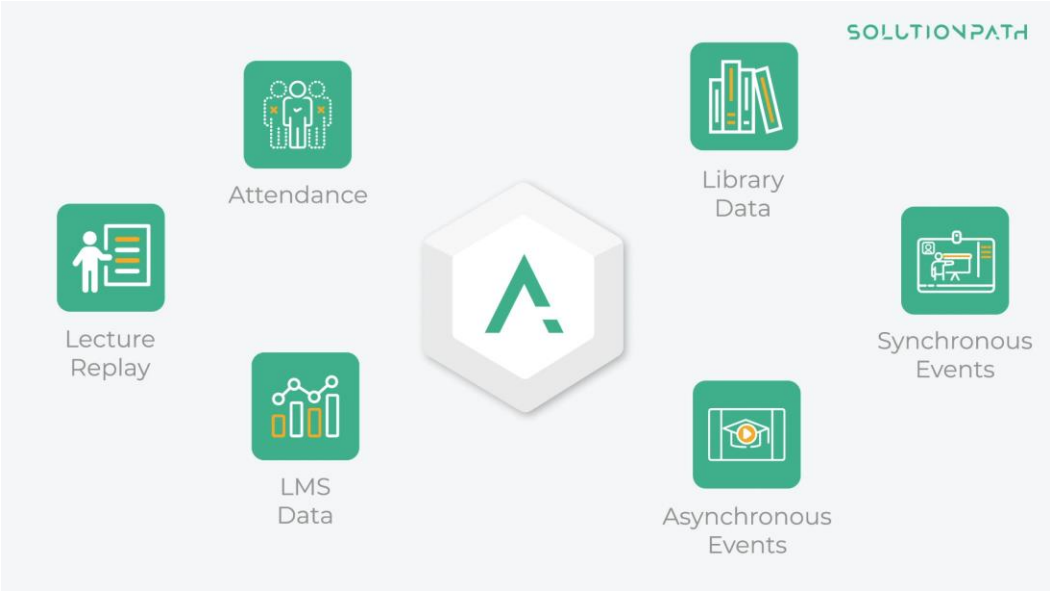
How does it work?

- **StREAM** takes real time data that represents students 'educationally purposeful activity' from a range of digital touch points (eg. VLE, Library, lecture capture, SIS).
- The engagement algorithm transforms this data in to a single measure of engagement and distributes learners into low to high engagement categories.
- Engagement dashboards present daily engagement insight back to both students and their educators.
- Alerts, intervention and referral tools help to manage student outreach and support.



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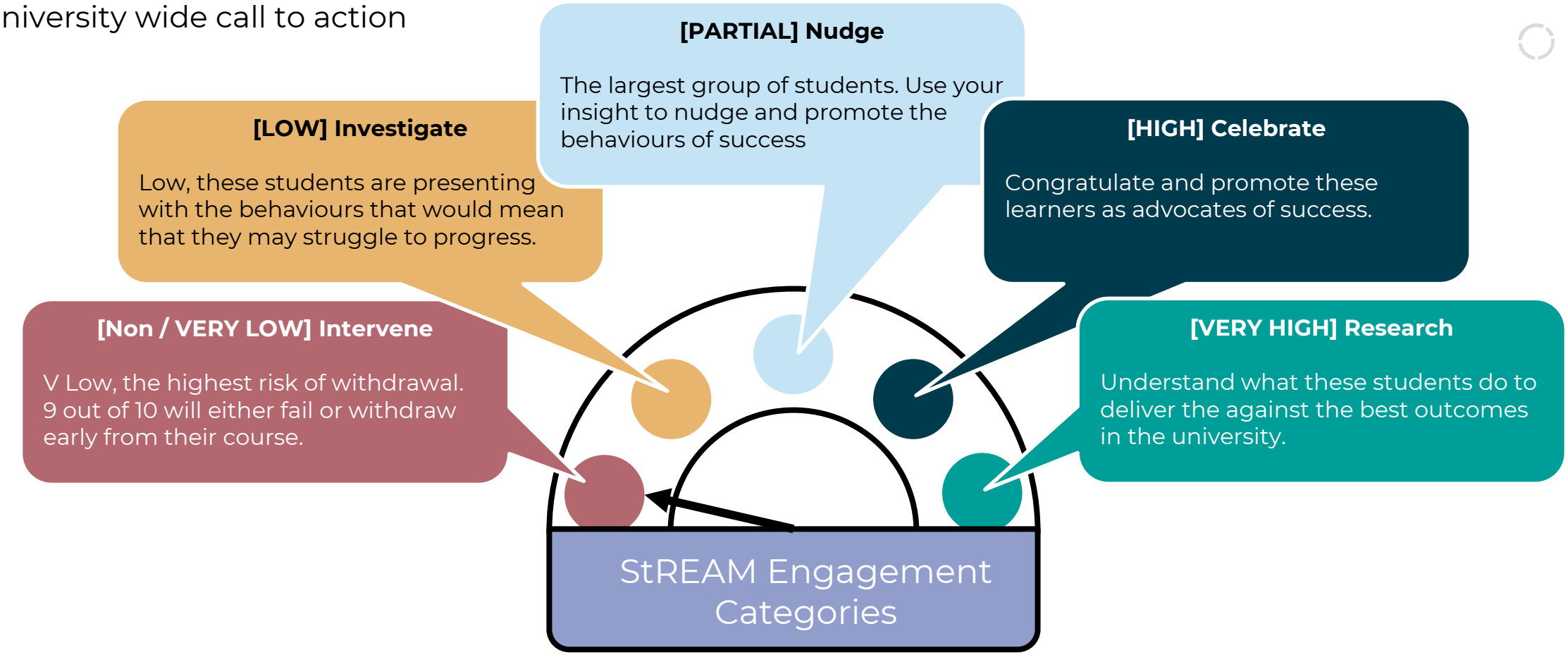
Turning data into action

A university wide call to action



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Designed with 3 key principals in mind

Ethical use of data

We measure the ‘do & not the who’ – we only calculate engagement based on academically purposeful activity

Transparency

Data democratisation – students and staff view the same data to support self-reflection, independent learning, coaching and to encourage more meaningful conversations

Collaboration

Co-curation – designed and developed with students, staff, universities and the wider Higher Education community

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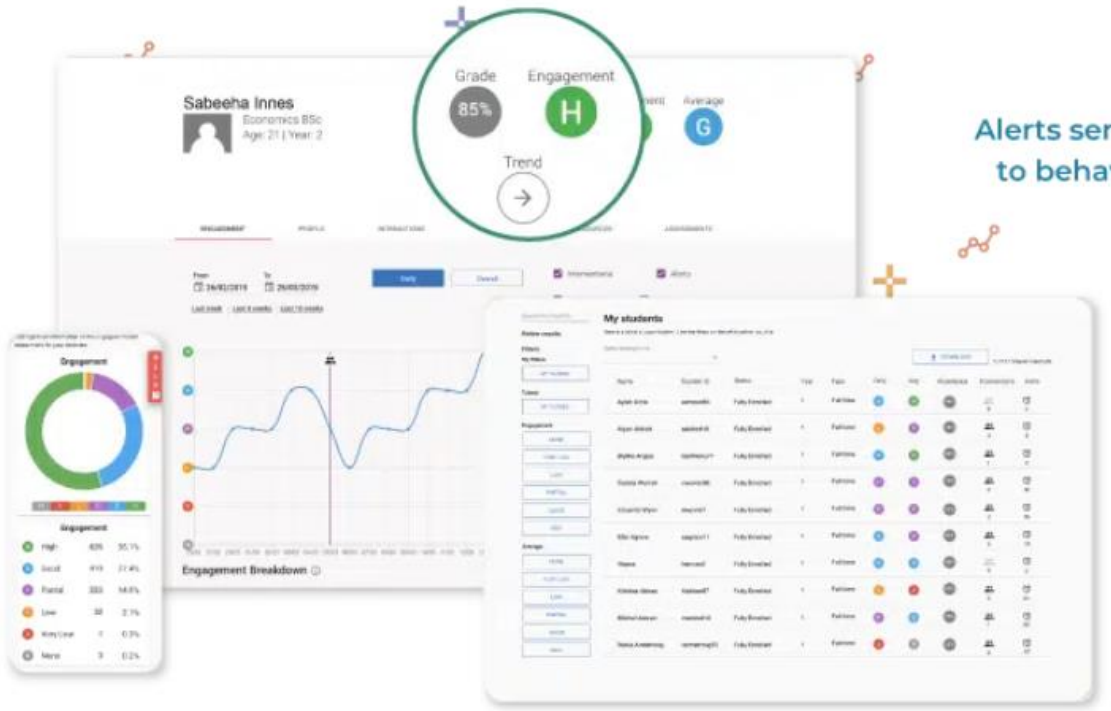
Key features

Two way communication between students and tutors

Daily engagement score

Staff and student dashboards

Alerts sent when changes to behaviour identified



Resource usage analytics

Cohort, course and module level analytics

Record interactions and make referrals to support services

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Key benefits

Putting data into the hands of those that need it most

FOR EDUCATORS

- Early warning to students who may be struggling
- At a glance view of engagement across key learning platforms
- Time saving and no need for data analysis expertise
- Starts meaningful conversation to get upstream of crisis or give motivation
- Better understand cohorts and learning journeys
- Create more synergy with support services with referral tools
- Create a single source of information for each student
- Use data to inform strategy, policy and decision making

FOR STUDENTS

- Better understand their own learning journey and impact of engagement on attainment
- Opportunity to self-reflect and identify opportunities to change patterns of engagement
- Encourage independent learning

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Thank you

Contact us:

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