OUR DATA SUGGESTS THAT SMART ASSESSOR LEARNER MANAGEMENT SYSTEMS IMPROVE LEARNER EPA SUCCESS RATES IN THREE KEY WAYS

FULL DETAILS OF HOW THE SOFTWARE SUPPORTS LEARNING ARE DETAILED BELOW. THIS MAP ILLUSTRATES THE FIRST TREND OUR ANALYSIS DETERMINED

East Midlands' average pass rate is 11% lower than the national average.

East of England experiences average to low pass rates.

TREND ONE: SMART APPRENTICES SUPPORTS AREAS WITH LOW EPA PASS RATES

Government data suggests that Wales suffers from very low apprenticeship achievement rates.

Smart Apprentices has been working with over 50% of the largest education providers in the country for over 10 years. We have data for tens of thousands of learners. Our data helps us understand the behaviours behind learners and assessors, and the general trends that deliver success. We hope to use this data to enhance pass rates. In this paper, we've highlighted three preliminary findings, found from our initial analysis of the data, which demonstrate how Learner Management Systems improve learner EPA success rates.

TREND 1. SMART ASSESSOR SUPPORTS AREAS THAT DEMONSTRATE LOWER THAN AVERAGE PASS RATES

Preliminary research suggests that Smart Assessor, and the supported and structured learning systems that it offers, creates a unique and beneficial learning environment for areas that demonstrate lower than average regional pass rates.
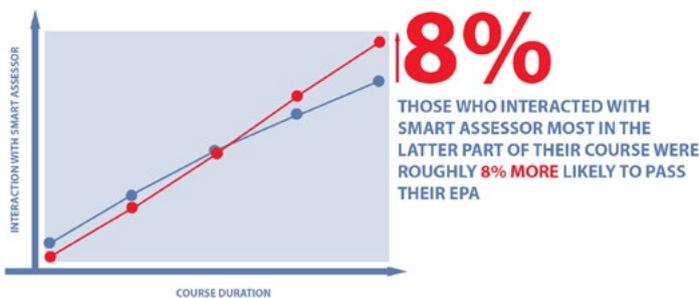
Regions such as the East Midlands, Wales and East of England, which historically suffer from below average pass rates, enjoy a stronger than average regional pass rate with the implementation of our structured learner management system. See Figure 1. above, for further information.

TREND 2. EPA PASS RATES INCREASE FOR THOSE USERS MORE ENGAGED WITH OUR LEARNER MANAGEMENT SYSTEMS

Those learners who increased interaction with the system in the latter part of the course were more likely to pass their EPA. Past the mid-way point of the course, interaction levels that were above the average user level indicated a learner who was more likely to pass the end point assessment.

At 14 months, those who interacted with the LMS most were **8% more** likely to pass their EPA. Seemingly, those more engaged with the software

EPA PASS RATES FOR THOSE USERS MORE ENGAGED WITH LEARNER MANAGEMENT SYSTEMS

8%

THOSE WHO INTERACTED WITH SMART ASSESSOR MOST IN THE LATTER PART OF THEIR COURSE WERE ROUGHLY **8% MORE** LIKELY TO PASS THEIR EPA

INTERACTION WITH SMART ASSESSOR

COURSE DURATION

in the long term benefited from the structure provided.

At the beginning of the course, login levels were similar between those who passed and those who didn't, making it unclear if the software provided a false support system to those who interacted with it to a higher degree at the starting stages of the program. (Figure 2. Left)

TREND 3: RETENTION RATES WERE ROUGHLY 10% HIGHER FOR FURTHER EDUCATION PROVIDERS USING SMART ASSESSOR

When we compared retention rates of Smart Assessor clients to those reported by national statistics for 2018/19 (01/08/2018-31/07/2019), we saw an increase of roughly 10%, suggesting the structured user experience provided by the software encouraged students to stay on their learning programme.

The Smart Assessor statistics were taken 1-2 months after the start of the apprenticeship, since this is the period learners can drop out without being registered as an 'early leaver'. This correlates to those figures tracked by national statistics.

These are just preliminary findings from initial analysis of the data. We are hoping to release full details of the impact of LMS on our learners in future reports.

10%

RETENTION RATES ARE ROUGHLY 10% HIGHER FOR THOSE USING SMART APPRENTICES

RETENTION RATES FOR SMART ASSESSOR

RETENTION RATES NATIONAL APPRENTICESHIP STATISTICS

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