

Data Management

Workshop : For Providers, data developers, quality and compliance staff and management.

Overview: An interactive workshop to explore the importance of transparent data; with opportunities to reflect on providers current management systems and review opportunities to develop and use new technologies to improve outcomes.

Resources required: Group and Individual activities, discussions and note taking

Today – Apprenticeship Data Management for Quality Improvement

- 01 Challenge**
- 02 Solution**
- 03 Impact**
- 04 Questions**

Aims of the session

01. To explore the challenges experienced with data management
02. To explore data management tools
03. To outline the impact of effective data management

Welcome

Question:

Do you have easy access to all your apprenticeship quality and performance data in one place?

Join at [slido.com #1800 547](https://slido.com/#1800547)
or scan the QR code



Presentation summary

Welcome

“Not everything that can be counted counts, and not everything that counts can be counted”

Albert Einstein

01

Challenge

Data management for quality improvement: challenge

- Too much time spent focused on collating data from multiple platforms
- Inconsistent use of data across curriculum teams and service areas
- Operational data often mismatched with MI reporting

Data management for quality improvement: challenge

Reporting focused too much on the problem and not the solution

- Number of apprentices past planned end of learning date
- Number of progress review meetings that have not been completed within 90 days

Data used in meetings is not accurate at the time of the meeting

- Report created the week before the meeting
- Time spent in the meeting disagreeing on data and not focused on quality improvement

Data management for quality improvement: challenge

“

“I know this is not an easy task... I am confident that by prioritising quality, we can make progress towards this point in the coming years.”

ALEX BURGHART, SKILLS MINISTER JULY 2024

55%

Current retention rates on apprenticeships

54%

Current successful achievement rates on apprenticeships

67%

Achievement rate target for 2025

(2023-2024 gov data)

Data Management and Quality Improvement

Group Activity

- Discuss your current approach to managing apprenticeships
- On average, (per table) how many hours per week do you spend accessing data and/or creating reports
- One person to feedback from each table

02

Solution

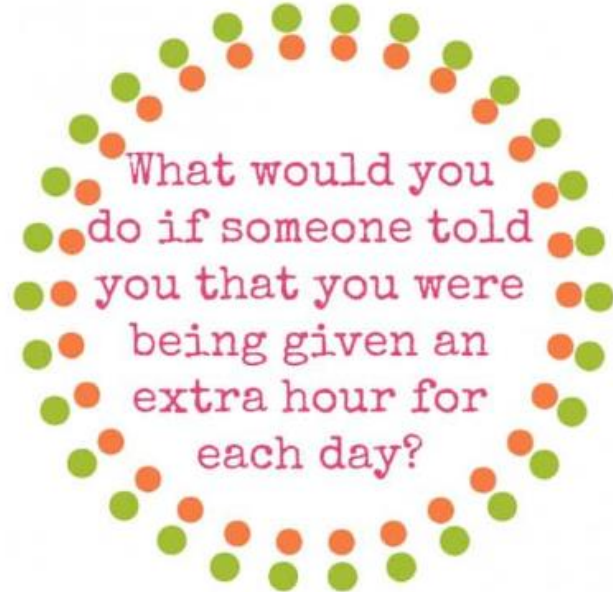
Data management for quality improvement: solution

Microsoft Power BI

- Data pulls from MIS and e-portfolio, overnight to create dynamic data dashboards
- Specific dashboards to measure each KPI e.g.
 - Overall performance
 - Functional Skills
 - Progress v target
 - Progress Reviews
 - Off the job training

Used across the organisation

- Apprenticeship operations team
- Business development
- Student admin



Dashboard demonstration

To watch a demonstration of how dashboards can be used as a tool for data management please click the following link

[Data dashboard demonstration](#)

Data management for quality improvement: solution

Simple KPIs focussed on improving outcomes

- 95% of apprentices on target against individual training plan
 - Apprentices will complete by planned end date
- 95% of apprentices and employers engaged in regular Progress Review Meetings
 - More apprentices will be retained
- 95% of apprentices on target with off the job training
 - Apprentices are receiving the right support at the right time to support with progression to EPA

Live dashboards used in quality meetings

- No need to create reports

Rolling action log

- Time saved on creating meeting notes



03

Impact

Data management for quality improvement: impact

- Transformed how we manage apprenticeship performance:
- Reduced time spent on collating data and writing reports
 - Increased available time to focus on improving outcomes for apprentices and employers

One version of the truth; every team using the same BI dashboards for multiple meetings

Access to reliable data in just a few clicks

Please provide feedback

Scan Here



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Thank you
Any Questions?