

Smarter education with IBM

*Working in partnership to revolutionise
our educational institutions*



Highlights:

- The IBM Smarter Educational Framework helps explore and maximise opportunities to revolutionise the UK's world-leading educational institutions
 - IBM understands that educational establishments need to work better, not harder, and to do this requires innovative approaches
 - Smarter education drives sustainable performance improvement by leveraging information to make better decisions, anticipate problems and resolve them proactively
 - IBM Smarter Education enables educators to apply global best practices in learning delivery through positive and proactive digital content management and predictive insights
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The education sector faces significant challenges, with institutions under increasing pressure to provide a better quality service whilst managing the rising costs of operations and shrinking budgets.

Responding to student and government demands means enabling a greater diversity of provision and more variety in modes of learning. Institutions must also deliver a better student experience: improving teaching, assessment, feedback and preparation for the world of work and taking more responsibility for social mobility.

IBM understands that the challenges seem endless and the demands ever increasing. It knows that educational establishments need to work better, not harder, and to do this requires innovative approaches.

The IBM Smarter Educational Framework is made up of three key pillars:

- Research Storage Excellence
- Exceptional Student Experience
- Institutional Optimisation

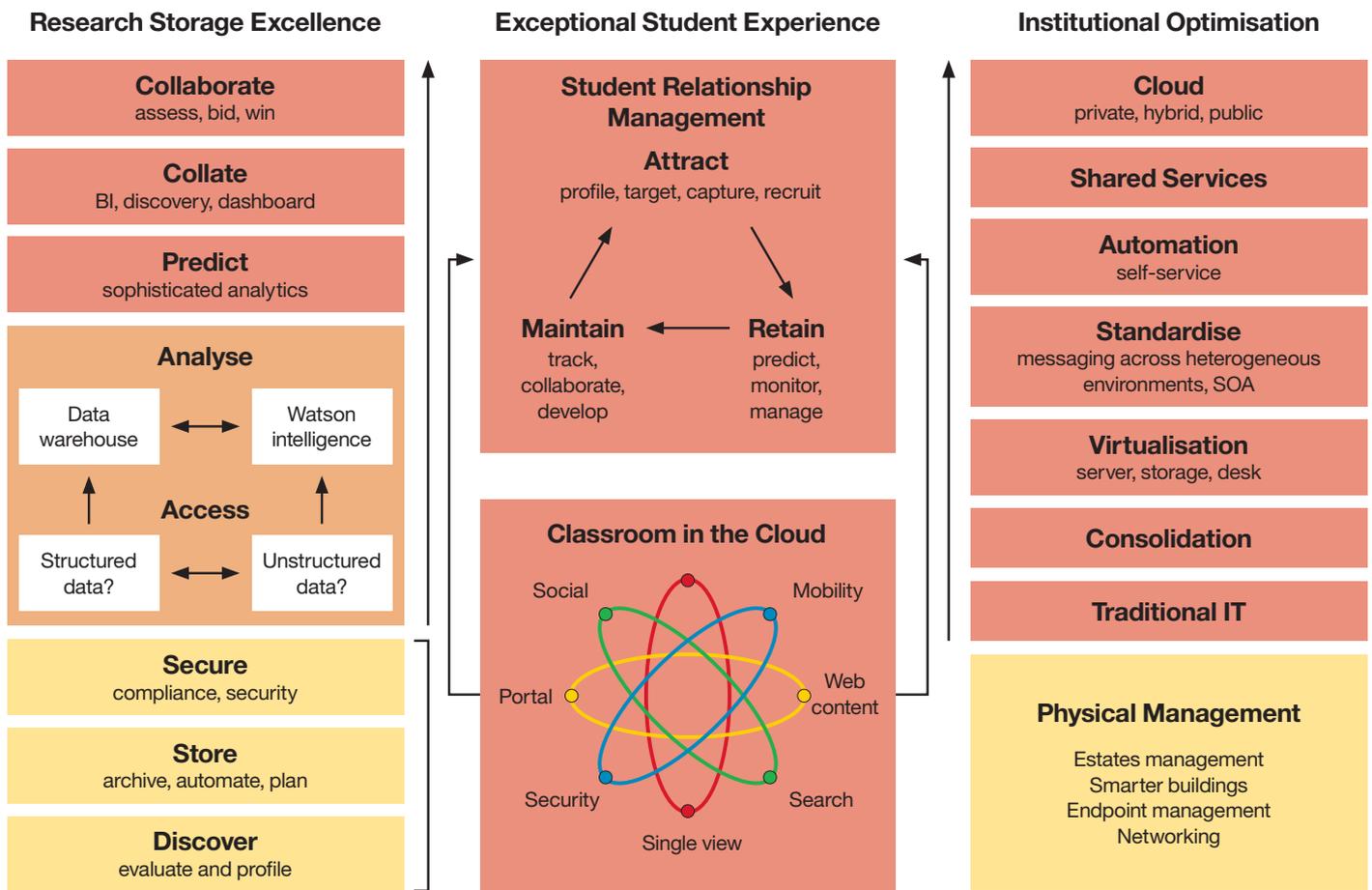
The IBM Smarter Educational Framework

IBM has created the Smarter Educational Framework to demonstrate how it works in partnership with clients to support and enable – through the use of technology – smarter education establishments, making them more efficient, productive and competitive.

This framework helps explore and maximise the opportunities available to help revolutionise the UK's world-leading educational institutions. Smarter education drives sustainable performance improvement by leveraging information to make better decisions, anticipate problems and resolve them proactively, and coordinate resources to operate effectively.



IBM Smarter Educational Framework



Research Storage Excellence

IBM recognises the significant challenges placed upon the research community. A key challenge is around the long-term retention and curation of research data.

IBM’s modular framework for Research Storage Excellence incorporates extensible components that integrate to provide solutions that manage and exploit research data from all sources. From effective long-term data curation to analytics for data mining within and across disciplines, IBM has tools to create value from research output and to maximise the win-rate of future grant proposals.

Exceptional Student Experience

IBM has an indepth understanding of established and emerging technologies that can provide exceptional student experience. By consolidating student data across multiple systems and gaining insight from it, problems can be predicted early and intervention plans developed.

This solution allows and encourages institutions to be interconnected and intelligent when interacting and caring for its students. It provides a holistic view of every single student and contributes to a personalised learning experience.

Institutional Optimisation

Institutional Optimisation is at the heart of IBM's focus for 2012, with a wealth of expertise in the implementation of scalable infrastructures and cloud foundations.

IBM recognises that to improve operational efficiencies, a blended approach of delivery of services is required. Through the IBM hardware, middleware and services portfolio, it is able to create environments that are bespoke to the needs of its educational clients, supporting them on the road to transformation.

Why IBM?

IBM has more than 100 years of experience in making the world work better through the use of technology, including more than 2,000 engagements in education and government.

IBM continues to develop positive and proactive partnerships across the sector. It is committed to working with institutions to help transform the education experience into a smarter environment that focuses on the positive outcomes and success for every student. With a depth of knowledge and experience in real-world education projects across a breadth of national and regional initiatives, IBM collaborates with research and education communities worldwide, is an advocate of lifelong learning, and understands the need for educational goals to align to economic development.

Education provides the foundation for a strong and vital society. It develops the human capital to fuel business and the public sector, and to generate new ideas and innovation. In the aftermath of the global financial crisis, the need for economic growth is clear, and the skills to support that growth have never been more critical. At the same time, the limits of government budgets are now evident. It is essential that we work together to find a path that improves learning outcomes in an operating structure that is financially sustainable. Student success is everybody's business: schools, colleges, universities, government and industry. We must all contribute to smarter education in order to build a smarter planet™.

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For more information

To learn more about the IBM Smarter Education Framework, please visit: ibm.com/uk or contact:

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