Library data and learner analytics

JAMES HODGKIN, UNIVERSITY OF GLOUCESTERSHIRE
LEE BAYLIS, JISC
James Hodgkin
Associate Director of Library, Technology & Information and University Librarian
What to expect

1. Introduction to Gloucestershire and our strategic goals

2. Why Learner Analytics and how did we get here?

3. Why and how does library data fit in?

4. Over to Lee Baylis from JISC to describe the technical solutions
University of Gloucestershire
Big data
Big Brother
Ethics

- Flawed or inadequate data
- Invalid predictions
- Loss of autonomy
- Demotivation
- Continuous monitoring
- Manipulation
- Automation vs Human mediation
- Labelling, profiling, categorisation
- I am more than a number!
How predictive LA works

Predictive models ID students at risk

Intervention and sharing with student
- Intervention by teaching and support staff
- Data shared with student prompting a change in behavior

Student success
- Increased retention
- Better student outcomes
- Better understanding of interventions and engagement
Gloucestershire and LA
Library data

Chrome/51.0.2704.79 Safari/537.36
Edge/14.1439380.192.24.236 - s1403205 bkHCclQhdGcDuDs
[01/May/2017:00:08:31 +0100] "GET
http://lib.myilibrary.com:80/Images/loadingAnimation.gif
HTTP/1.1" 200 6125 Default

3 Mozilla/5.0 (Windows NT 10.0; Win64; x64)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.79
Safari/537.36 Edge/14.1439380.192.24.236 - s1403205
bkHCclQhdGcDuDs [01/May/2017:00:08:31 +0100] "GET
http://lib.myilibrary.com:80/Viewer/images/formclose.jpg
HTTP/1.1" 200 1008 Default

3 Mozilla/5.0 (Windows NT 10.0; Win64; x64)
AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.79
Safari/537.36 Edge/14.1439380.192.24.236 - s1403205
bkHCclQhdGcDuDs [01/May/2017:00:08:31 +0100] "POST
http://lib.myilibrary.com:80/Viewer/images/formclose.jpg
HTTP/1.1" 200 1008 Default

05/09/2017 13:59 Tuesday 7d Renew
w/vacation 3704376009 766340313 Reading the world : what young children learn from literature /372.6044 SMI

05/09/2017 13:59 Tuesday 3wk Renew
w/vacation 3704509747 777948454 The idea of nature in Disney animation : from Snow White to WALL-E / 791.4366 WHI

05/09/2017 13:59 Tuesday 3wk Renew
w/vacation 3703525215 59307347 The language, discourse, society reader / 400 LAN

05/09/2017 14:08 Tuesday 3wk Renew
w/vacation 3704575512 974630653 Getting boys up and running in the early years : creating stimulating places and spaces for learning / 372.182341 CIG

05/09/2017 14:08 Tuesday 3wk Renew
w/vacation 370419873X 175056304 An introduction to the study of education / 370.941 MAT

05/09/2017 14:08 Tuesday 7d Renew
w/vacation 370353114X 54400985 Teaching young children : choices in theory and practice / 372.21 MAC
The exciting bit!
<table>
<thead>
<tr>
<th>More computers and computer space too crowded at the moment</th>
</tr>
</thead>
<tbody>
<tr>
<td>talk to the students on the course and ask if they need more of a specific book</td>
</tr>
<tr>
<td>give it a make over!</td>
</tr>
<tr>
<td>Not enough print books – I hate reading on screen!</td>
</tr>
<tr>
<td>There should be more group work areas available.</td>
</tr>
<tr>
<td>More library resources.</td>
</tr>
<tr>
<td>Discount/wider variety of resources</td>
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<tr>
<td>Show freshers other areas they can study that are not in the main library</td>
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<tr>
<td>Allocate more resources to library. Introduce greater variety of healthy food choices in the refectory</td>
</tr>
<tr>
<td>Library is brilliant.</td>
</tr>
<tr>
<td>The 24 hour library has been a real help, it’s a nice, quiet and peaceful studying environment.</td>
</tr>
<tr>
<td>Allows you to go there at any time of the day and get work done and if there is an issue staff are there to help</td>
</tr>
<tr>
<td>Very quiet and accessible at all times</td>
</tr>
<tr>
<td>Lots of relevant books available in the library</td>
</tr>
<tr>
<td>Lots of resources, good food at refectory, good computers</td>
</tr>
<tr>
<td>The open hours and easy access to material</td>
</tr>
<tr>
<td>The is a variety of places on campus to do work if you do not want to do it at home or if you need to do group work</td>
</tr>
<tr>
<td>a nice environment to work</td>
</tr>
<tr>
<td>There are loads of places to go and chill, the facilities are always there when needed as well, computers are free and the building is always open.</td>
</tr>
</tbody>
</table>
Be political
Wrap up and hand over

• Learner Analytics will make libraries smarter. Being smart is knowing the impact of what you do, making improvements based on evidence and understanding how you fit into the wider context. The data gathered and presented by Learner Analytics can support all of this.

• BUT! It can only support. In the same way it supports tutors. Libraries must take this valuable data (the stuff of dreams 20 years ago) and do the hard part – interpret it and use it wisely.