

The Library

Cube

library resources + student use = value



Margie Jantti & Brian Cox

University of Wollongong Library, Australia

There are many approaches to evaluating the value of libraries.

This is our story



Problem statement I:

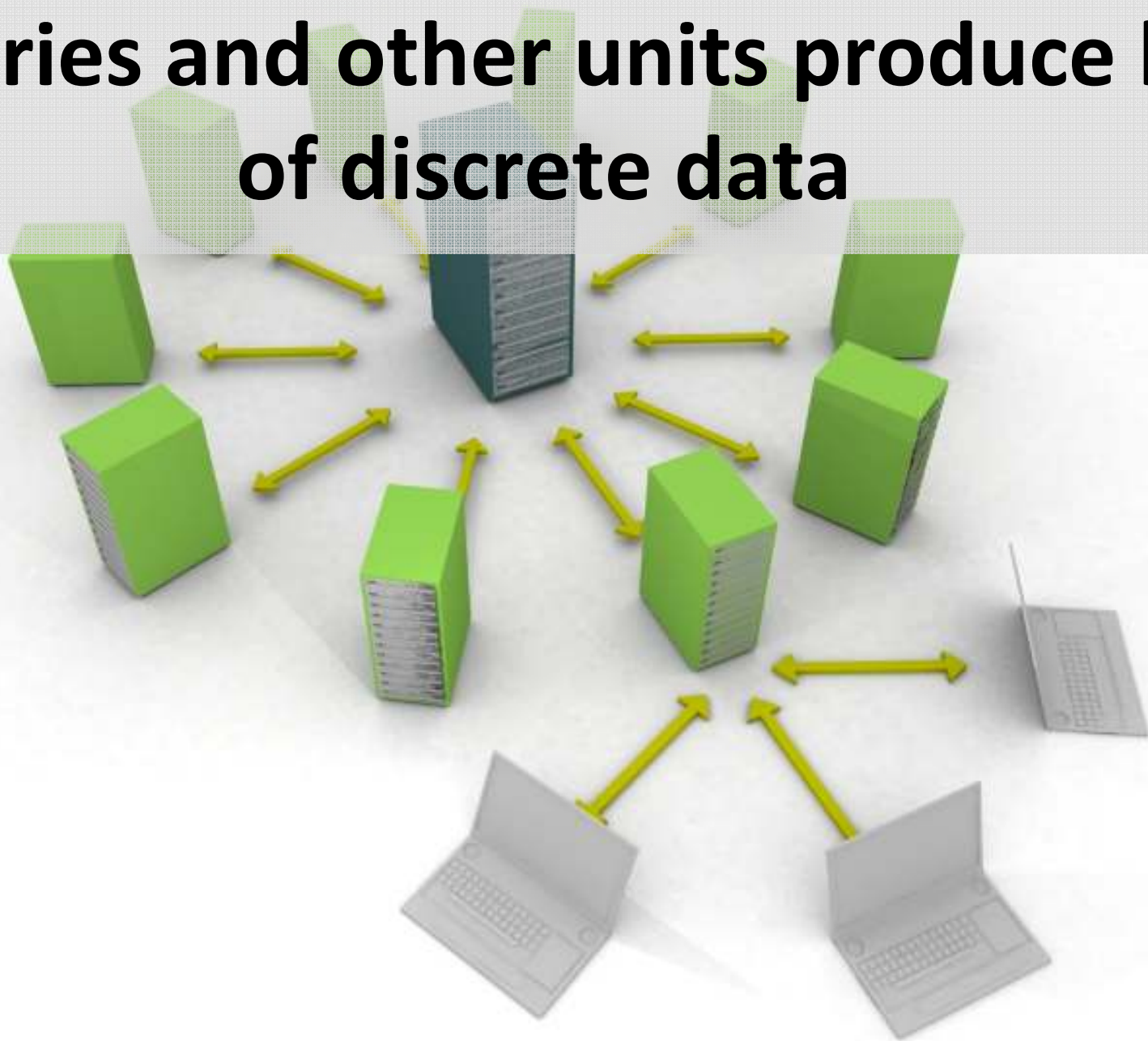
Does a student's academic performance improve through the use of library information resources?



Problem statement II:

How do we know which students make little or no use of library information resources?

**Libraries and other units produce lots
of discrete data**



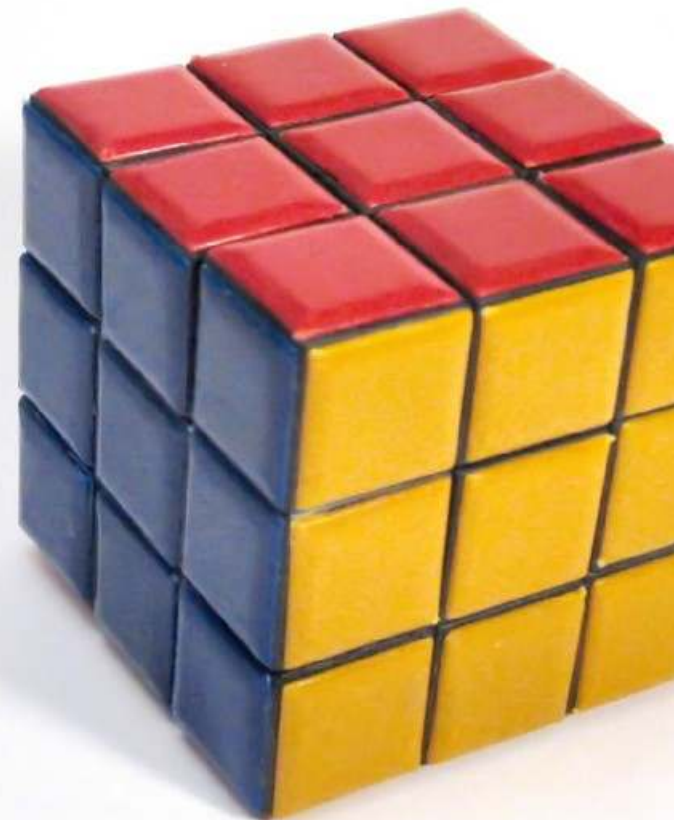


but....

our systems typically don't talk to
other university systems

The challenge was to build a relational database (or cube)

- books
- ereadings
- databases
- ebooks
- student grades



How?

Book loans:

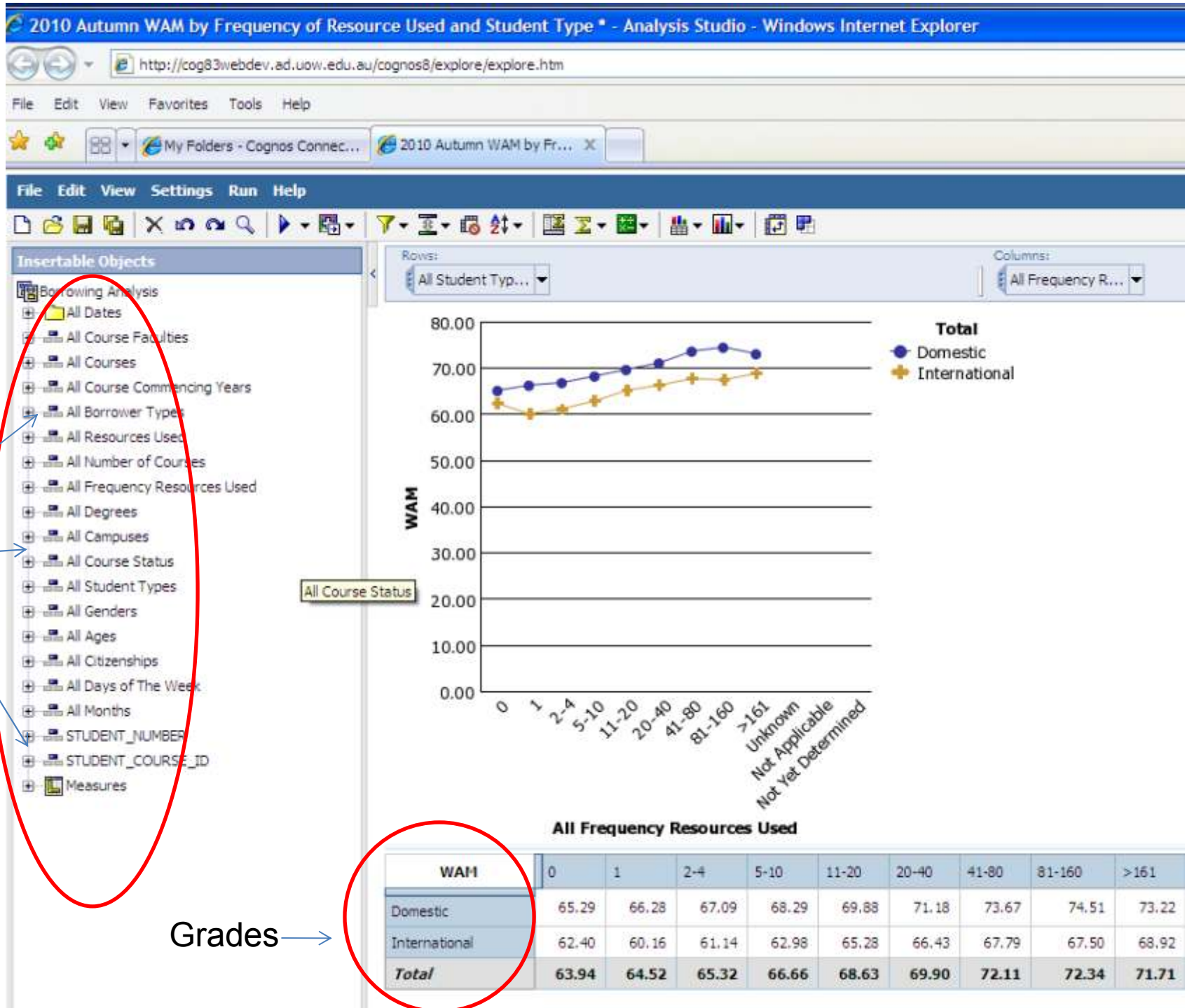
- >Weekly export of flat files from LMS**
- >Monitor weekly 'snap shots'**

Eresources:

- >Authentication logs (ezyproxy)
- >Monitor use in 10 minute blocks (144 ten minute periods p/day)
- >When used – database name captured

Other benefits

- logs are updated weekly



Is it perfect?

- >Some limitations in correlations**
- >Arbitrary measures; business rules**
- >Many external factors affect grades, e.g. academic influence**

WHAT BUSINESS ACTIVITIES WILL THE CUBE SUPPORT?

>**Accountability**

>**Marketing**

>**Continuous improvement**

But.....

A first at UOW Library:

- >for true integration of data silos**
- >getting answers to our problem statements**
- >evaluating our communication and intervention strategies**
- >for a new way of demonstrating the value of the Library**



QUESTIONS?