

**Lecturer**

1

*teaches*

*m*

**Student**

**Lecturer**

staffID (PK) – int  
forename (varchar)  
surname (varchar)  
phone (varchar)

**Student**

matric (PK) – int  
forename (varchar)  
surname (varchar)  
dateofbirth (date)

## Structured Data

Relationships, data types... a highly organised source of data.  
Typically represented as a relational database.

## (Semi-)Structured Data

Data with no predefined data model.  
Typically text heavy, with dates, numbers, ambiguities...

<document>

<id>APW19980610.0909</id>

<title>Saving the endangered species</title>

<body>

*A NEWSPAPER report that the vast Endau-Rompin area has fewer than five rhinoceroses from the 20 to 25 animals five years ago is a clear indication of the increasing threat to Malaysian wildlife and their habitats posed by the country's rapid development. Thanks to the environment-conscious local print media, the public has been reminded time and again that not only are the Malaysian rhinos being threatened but also the tigers, tapir...*