

Data Explorer

Tutor Guide version 5.2

Overview

Data Explorer is a dashboard interface that allows institutions to view student information as part of the Jisc learning analytics service.

Currently the learning data hub contains information on current students, their modules, assessments (marks).

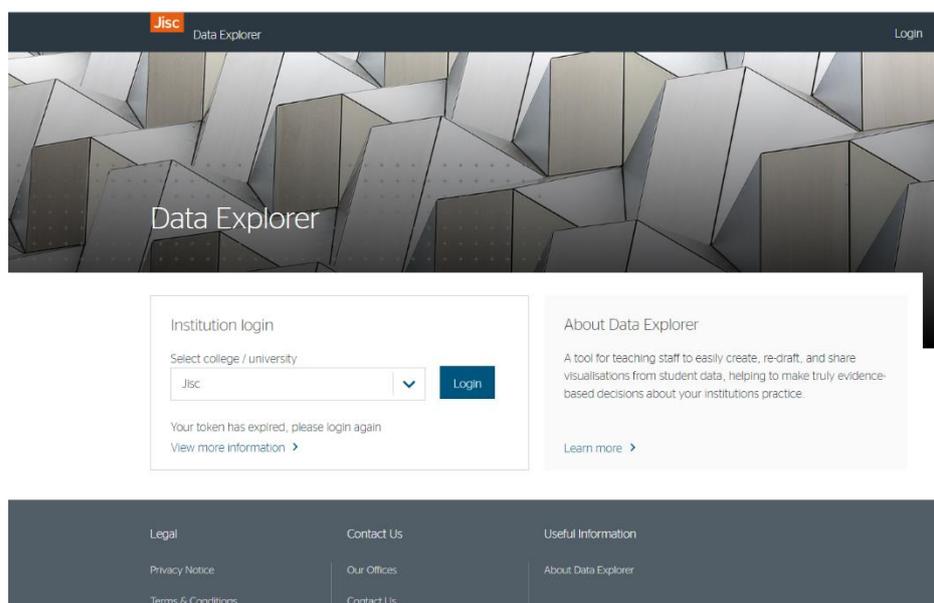
Engagement activity is based on their use of online (VLE), attendance, assessments, and library data.

Getting Started

Data Explorer works best in Chrome and is being tested with IE, Safari and Firefox.

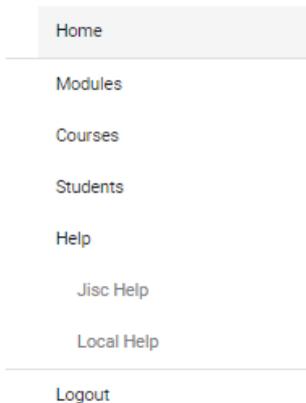
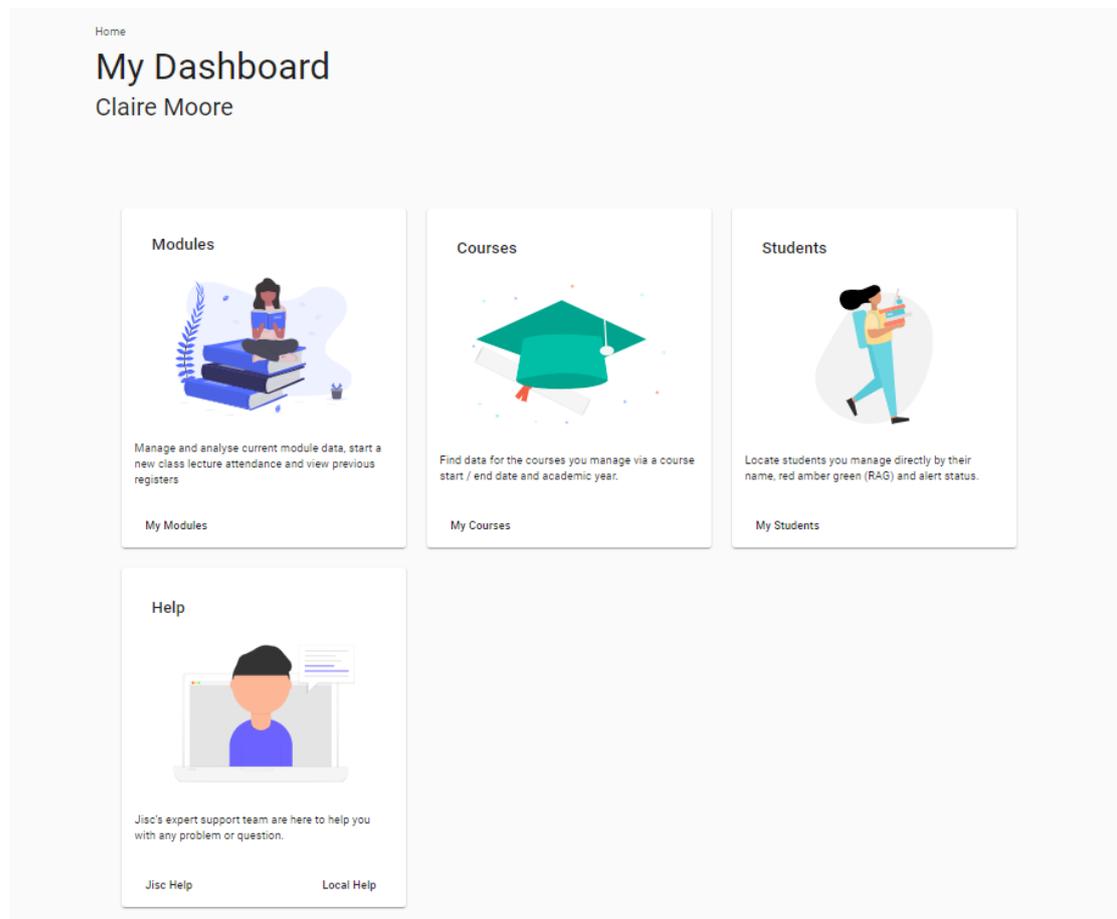
To access Data Explorer
<https://datax.jisc.ac.uk/>

The login uses your institutional authentication page, select your institution to login



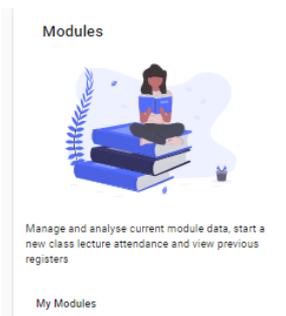
Tutor View

Once you have logged into Data Explorer, you will see these icons:



You can also access these options from the menu found in the top left-hand corner of the dashboard

You can opt to have the language as being English or Cymraeg by clicking on the circle in the top right-hand corner of the dashboard



Modules

From 'My dashboard' you can select 'My modules'. You will see a list of the modules you are teaching on/responsible for. This is also where you can start/view attendance monitoring (visualisations and details on pgs.4&5).

You can view all academic years or choose a specific year to view.

Clicking on the module name will provide you with visualisations of module activity

2 modules found

Refine By Academic Year: Sort By:

Active Modules Module Name Ascending

<p>Advanced Jiscing for Business ></p> <p>JISC-MOD2-2019</p> <hr/> <p>Jan 2020 - Aug 2020</p> <hr/> <p>Start Attendance ></p> <p>View Registers ></p>	<p>Basic Jiscing ></p> <p>JISC-MOD1-2019</p> <hr/> <p>Jan 2020 - Aug 2020</p> <hr/> <p>Start Attendance ></p> <p>View Registers ></p>
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Module data

Data type Date range

VLE activity - by week Click to select a date

- VLE activity - by week
- VLE activity - by day
- VLE activity - student use distribution
- VLE Tool Use
- VLE Content Use
- VLE Use vs Average Mark
- Attendance
- Attendance %
- Event attendance by student
- Lecture Capture
- Assessment
- Staff
- Students

Data Type: An explanation is provided underneath each graph that can be viewed by the Data type menu.

Visualisations and details about student data can be found on pgs. 7-12.

In the top right-hand corner of every visualisation you will find a burger menu. Here you have the option to view, print and/or download the image.

View in full screen

Print chart

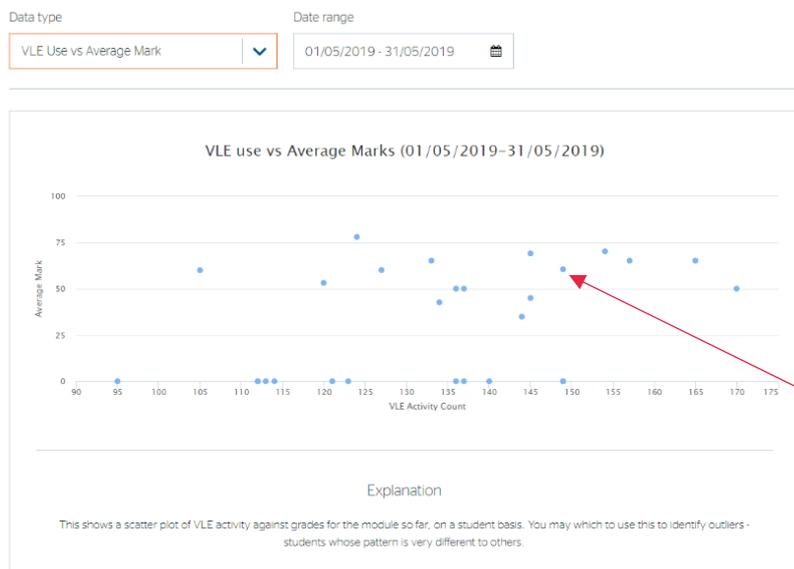
Download PNG image

Download JPEG image

Download PDF document

Download SVG vector image

View data table



Some of the graphs are interactive i.e. by selecting 'VLE use Vs average mark', and clicking on one of the blue nodes, you can view that student's information in more detail.

On some page items you will see a help flag, by clicking on the flag will display an explanation.

Module data

Data type

Assessment

17 Assessments for Creative package presentation

10 Assessments for Creative package presentation

Assessments

This is the number of marked assessments. Usually this information comes from the student record system, but can include a feed from your virtual learning environment.

Attendance

Physics 1 >

PHY001-2018

Feb 2019 - Aug 2020

Start Attendance >

View Registers >

If attendance monitoring is enabled, you will see an option next to each module to 'Start Attendance'. This will generate a class list and a 4-digit code (to be used with Study Goal app, details about the app found in Study Goal User Guide) which will allow recording of attendance in a session event.

Start Attendance

Create Session

A new register will be open for students to register their attendance for up to one hour. After this, it's possible to manually register their attendance.

Session Title:

Physics 1 11:00 22/7/2020

Start

When you start a register, you can change the register name, before clicking the 'Start' button.

This brings up the session code and the option to show register.

Students can use the Study Goal app to register attendance by checking in using the 4-digit session code found at the top of the dashboard.

Alternatively, if students do not have the means to register their attendance and are in attendance you can click on 'show register' button and use the manual register function.

Jisc - Demo : Home

Physics 1 11:00 22/7/2020

Session Code: 5918

Show Register

Student ID	First Name	Last Name	Attended		
<input type="checkbox"/>	1001	Jess	Wilson	✗	Attended
<input type="checkbox"/>	1002	James	Miller	✗	Not Attended
<input type="checkbox"/>	1003	Emily	Williams	✗	Not Required
<input type="checkbox"/>	1004	Josh	Jones	✗	Not Attended
<input type="checkbox"/>	1009	Tom	Smith	✗	Not Attended
<input type="checkbox"/>	1010	Joe	Hale	✗	Not Attended
<input type="checkbox"/>	1004	Josh	Jones	✓	Attended
<input type="checkbox"/>	1009	Tom	Smith	⚠	Not Required
<input type="checkbox"/>	1010	Joe	Hale	✓	Attended

Here you will have the option to mark the student as 'attended', 'not attended' or 'not required'.

The 'Student search' function will only be available if your institution has opted for CheckIn Plus.

The 'Delete register' button can be used if you have created the register by accident. Please note you are only able to do this if no one has registered.

You also have the option to filter against an individual student.

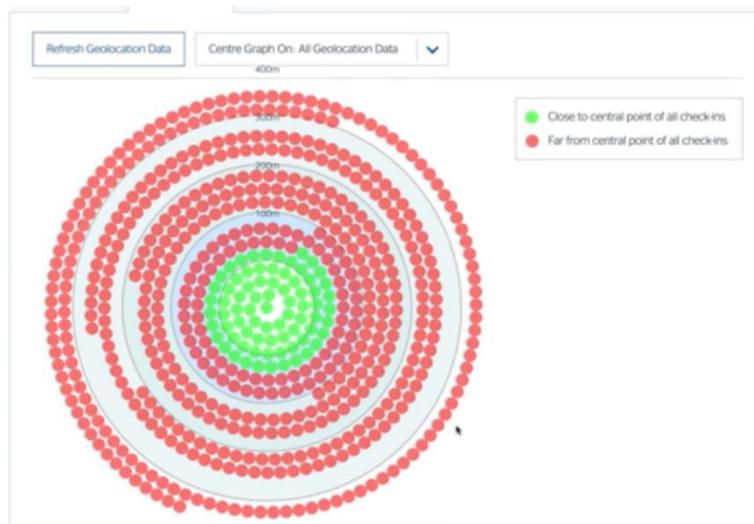
You can sort the student list view by ID, first name, last name, or attendance by clicking on the appropriate column headings.

<input type="checkbox"/>	Student ID	First Name	Last Name ↑	Attended	Manual Register
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If you are manually taking the register and want to mark a specific number of students, or the whole class from those listed you can select the required students from the list. Once there is a tick showing by any number of students the 'Mark selected students as' function will appear next to the 'Filter' option at the top of the dashboard, choose the option from the list shown and once you are happy with your selection click on the 'Mark' button to make the change.

NOTE: Registers are open for an hour. Once the hour is over, there is a process that runs every 15 minutes which updates any changes made.

Student ID	First Name	Last Name	Attended	
<input checked="" type="checkbox"/>	1001	Jess	Wilson	✗
<input checked="" type="checkbox"/>	1002	James	Miller	✗
<input checked="" type="checkbox"/>	1003	Emily	Williams	✗
<input type="checkbox"/>	1004	Josh	Jones	✗



Geolocation

This shows the distance of students who have checked in using the Study Goal app from the central cluster. You can also recentre the display on an individual student

View registers

Physics 1 >
PHY001-2018

Feb 2019 - Aug 2020

[Start Attendance >](#)
[View Registers >](#)

You can view registers that have previously been recorded in Data Explorer by clicking on 'My Modules' and then on the 'View Registers'.

Registers are listed in time order with the most recent listed first. The 4 digit-code can still be used by students for registers that have an status of 'Open' against them and you as the tutor can go into 'View' and still use all the functionality buttons if required (see pg.5 for visualisation).

Name	Date	Type	Status	Code	Action
Physics 1 9:30 23/7/2020	23/07/2020		Open	5584	View
Physics 1 9:30 23/7/2020	23/07/2020		Open	9738	View
Physics 1 13:30 22/7/2020	22/07/2020		Closed	1900	View
Physics 1 11:00 22/7/2020	22/07/2020		Closed	5918	View

If the status of the register is 'closed', the 4-digit code can no longer be used by students. However, you as the tutor can still use all the functionality buttons if required (see pg.5 for visualisation).

NOTE: Registers are open for an hour. Once the hour is over, there is a process that runs every 15 minutes which updates any changes made.

Courses



Find data for the courses you manage via a course start / end date and academic year.

My Courses

Courses

If you select 'My Courses', you will be able to see a list of all the courses you teach.

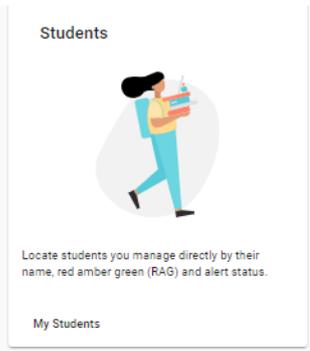
2 active courses found

[BA \(Hons\) Jiscing >](#)
JISC-COURSE1

Sep 2018 - Aug 2019
JISC-COURSE1-2018

[MA Jiscing >](#)
JISC-COURSE2

Sep 2018 - Aug 2019
JISC-COURSE2-2018



Students

If you select 'My Students', you will be able to see a list of all your tutees.

The RAG indicator shows the students risk status and this list can be sorted by colour. Where the Traffic Light Calculator cannot make an assessment, due to lack of data, the RAG indicator on Student Search will be coloured grey. Please review the separate Data Explorer Traffic Light Calculator Guide for further detail.

Student status: All | RAG indicator: All | Sort: First name A - Z

4 students found

Student Name	Course	RAG Indicator
Clive Camm	JISC-COURSE1 3002	33%
Dewey Dogg	JISC-COURSE1 3003	17%
Elle Egg	JISC-COURSE2 3004	67%
Paul Bailey	JISC-COURSE1 1002	33%

The list can be sorted by name, student ID or risk indicator and filter by student status or risk (RAG) indicator.

Clicking on the student name will allow you to see data on an individual student.

Jisc - Dev : Home > Student Search > Student Overview

Paul Bailey

Student overview

Student ID	Course	Year	Tutor	RAG Indicator	Student Status
1002	BA (Hons) Jiscing	2019-2020	Paul Bailey	17%	Stopped

Overview data | Module data | Notes | Bio

Student Status: You can change the status of a student as 'in-hand' or 'stopped'. The purpose of this is to aid sorting when supporting a larger number of students to focus only on those that are not already in hand. This value is set on the student page or in the Bio tab (see above) and then can be used as a filter in views where there a list of students.

Typically, a member of staff would use the filter to view all students who had a 'Red' indicator and were not already in hand or stopped. Then to review students in-hand to see if their indicators have improved.

Underneath, you have Tabs which are:

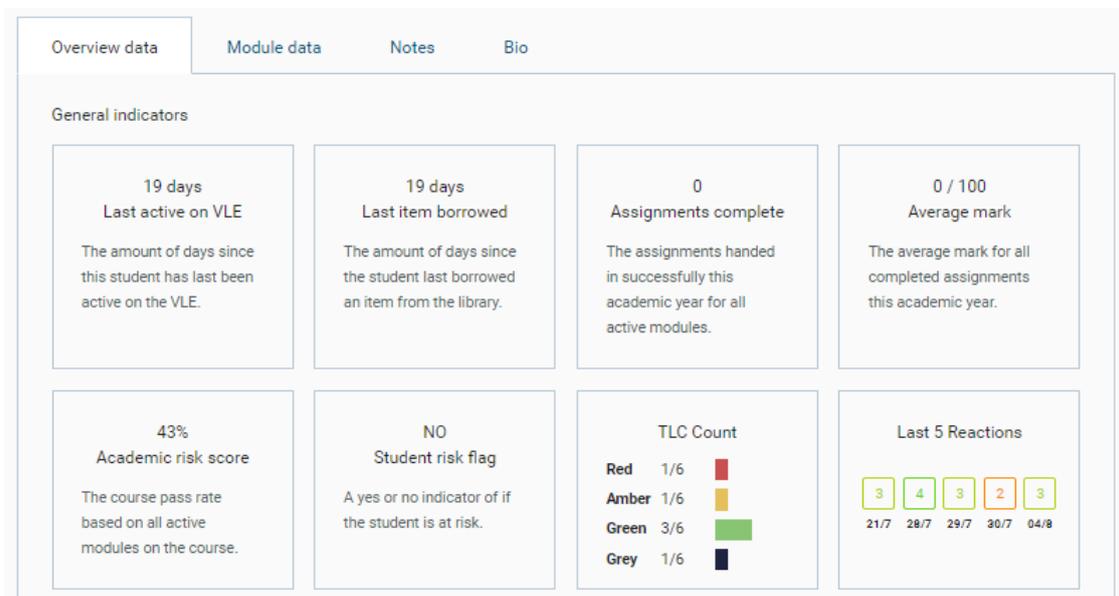
- Overview data; showing overall data and indicators
- Module data; showing activity data and assessment for each module
- Notes (optional); allows recording of notes on student interactions
- Bio; provides other information about the student

Overview data

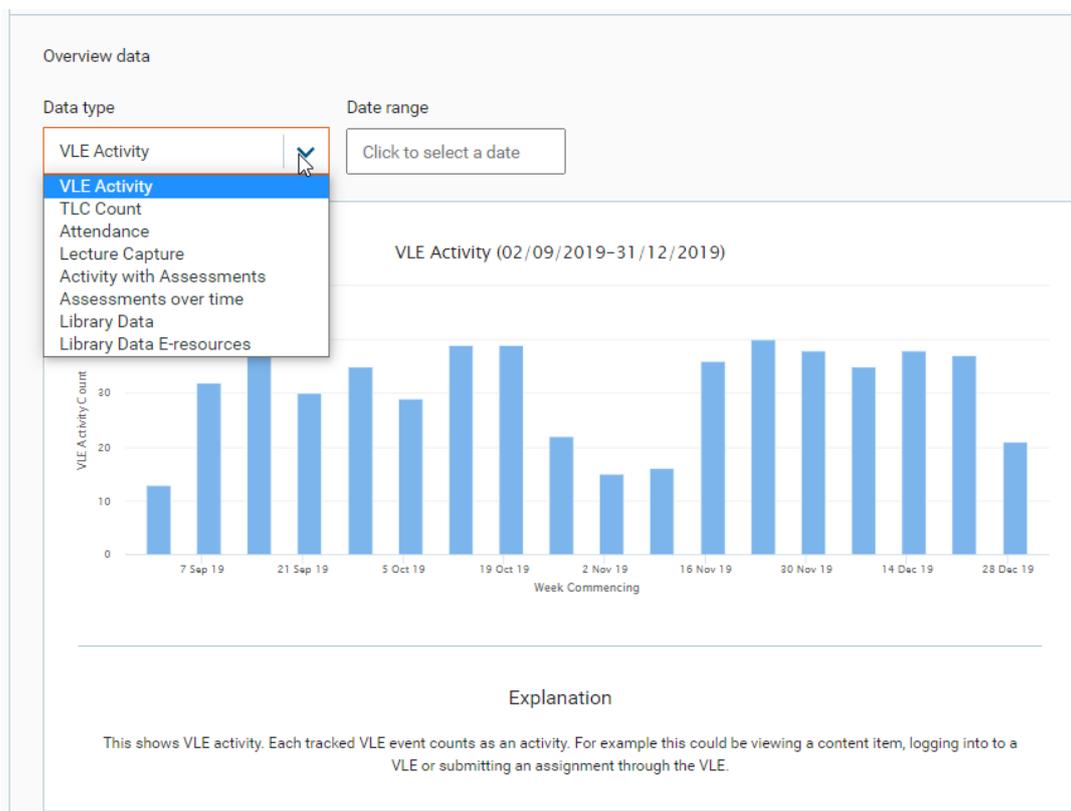
General indicators:

General indicators for the student overall are at the top of the dashboard and have an explanation of what each indicator means.

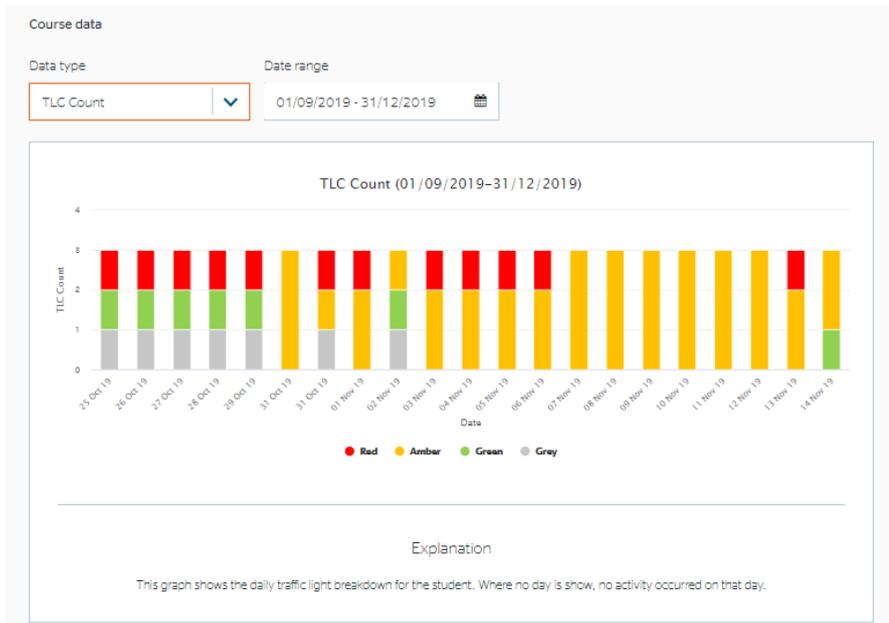
Academic Risk Score: will only show if your institution has opted to have predictor.



Data Type: Is found directly underneath the general indicator boxes. You can opt what visualisation to view by the Data Type drop down menu and you are also able to choose what date range you want to look at.

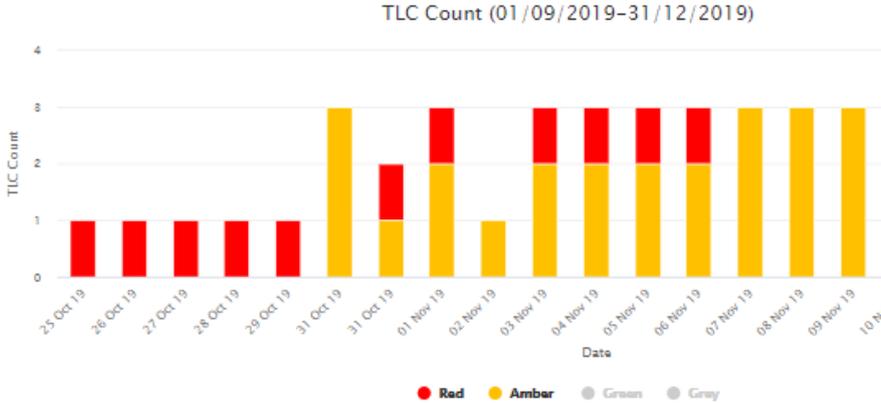
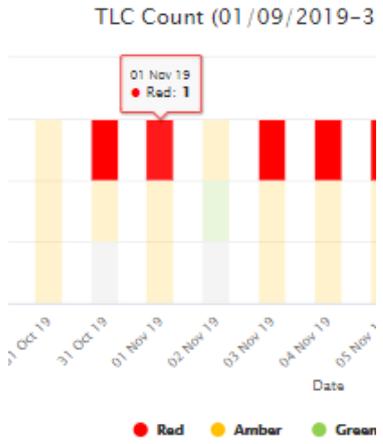


An explanation is provided on each screen to explain what is on view.



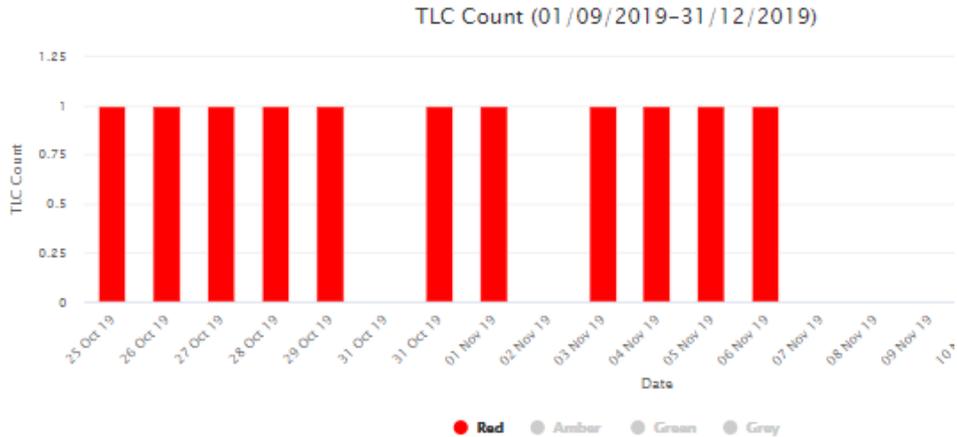
The TLC count allows tutors to track a student's TLC over time. The graph shows the count for each TLC colour per day, so the total will increase and decrease depending on the student's active modules.

If you hover over a colour in the graph, it will show you the ratio of that day.



You can select the colours you want to hide/see by clicking on the circles underneath the graph. The example to the left is focusing on the red and amber.

The below example is the same student, but only focusing on the red.



Overview data

Data type
Attendance

01 Jul 2020 01 Jul 2020 01 Jul 2020 01 Jul 2020 02 Jul 2020 02 Jul 2020 10 Jul 2020 21 Jul 2020 23 Jul 2020

Explanation

This shows how many events the student attended for a module against the total number of events for a module that have been held. It is possible a student isn't expected to attend all possible events, for example workshops or optional lectures.

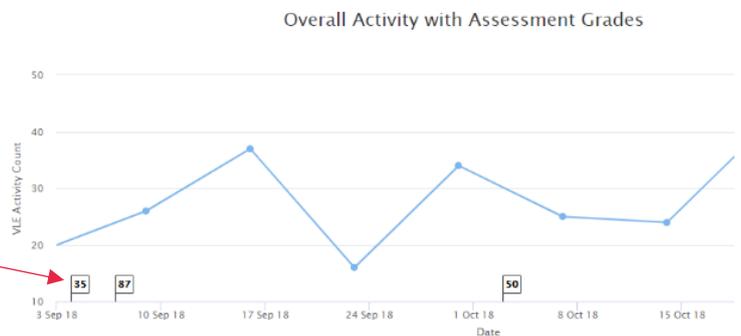
3 modules found

Advanced Jiscing for Business 28 / 63 44%	Jiscing, Technology and Student Success 6 / 18 33%	Basic Jiscing 27 / 124 22%
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This example takes information from events created in 'Attendance' and 'Study Goal'. However, information from institutions own attendance systems can also be displayed.

You can click on the module which will take you to the 'module data' tab (visualisation and explanation found on pg. 11).

Click on the flags in the 'Activity with assessment' graph, or the nodes in the 'Assessment over time' graph to obtain more detail about the assessment. This appear as a pop up as shown below



Assessment Information

Assessment ID	Assessment Detail	Module ID	Module Name	Actual Mark	Moderated Mark	Retake
MOD1-ASSESS1-2018	Creative package presentation	JISC-MOD1	Basic Jiscing	35	35	NO

Module traffic lights

3 modules active

Module name	VLE Usage	Attendance	Marks	Results
Basic Jiscing	●	●	○	Show Results
Jiscing, Technology and Student Success	●	○	●	Show Results
Advanced Jiscing for Business	●	●	○	Show Results

Module Traffic Lights:

At the bottom of the dashboard you will see 'module traffic lights' which provides a RAG rating for each measure of activity including VLE usage, marks and attendance.

Clicking on the 'show results' button will detail why the issue was triggered.

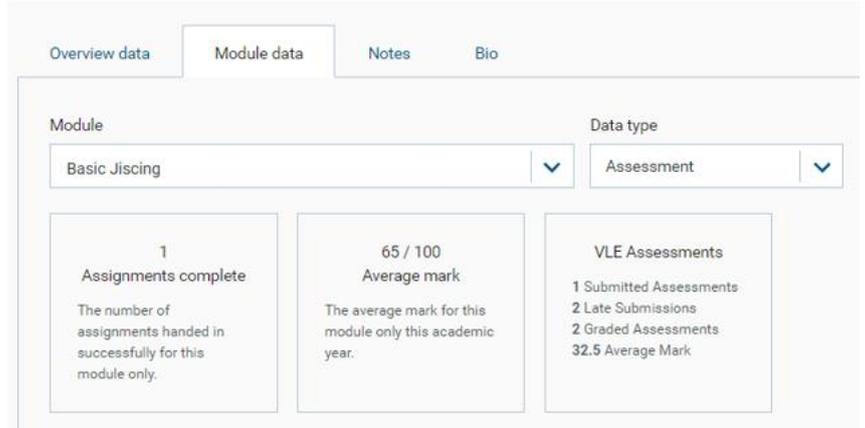
Virtual Engagement	●	Physical Engagement	●	Attainment	○
No issues triggered		Triggered because days since last activity is between 14 and 7		Triggered because avg mark is between 0 and 49	
Days since last activity	1	Days since last activity	9	Average mark	42.5
% Less than average	-5.33	% Less than average	22.09	Assessment retakes	4

Module Data

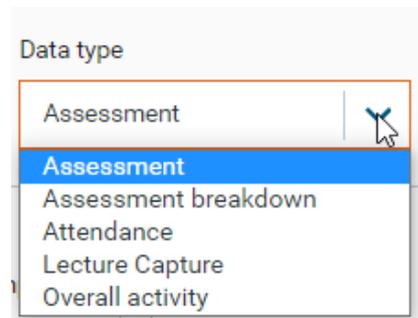
You can also view student data by module. Clicking on the 'Module data' tab allows viewing of the indicators for each module.

You can select the different modules from the 'Module' drop-down menu.

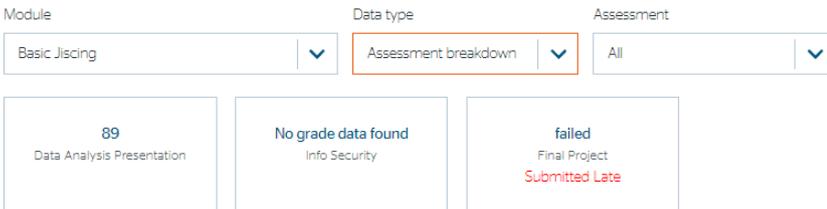
The VLE Assessment tile shows the number of submitted assignments, if any were submitted late, how many which have been graded and the average grade all submissions



Data Type: You can select which 'Data type' you want to use from the drop-down list:

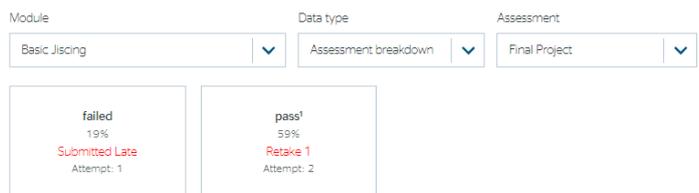


Assessment: Shows you how many assignments have been completed for the module, and the average mark (see above).



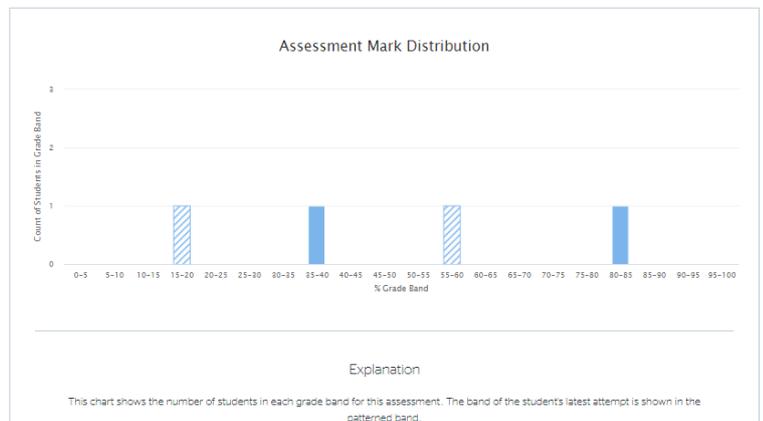
¹ Assessment marks/grades shown prior to formal moderation and/or exam board confirmation

Assessment breakdown: Assignments associated with this module and marks/grades if submitted. You can also view all or by individual assessment.



¹ Assessment marks/grades shown prior to formal moderation and/or exam board confirmation

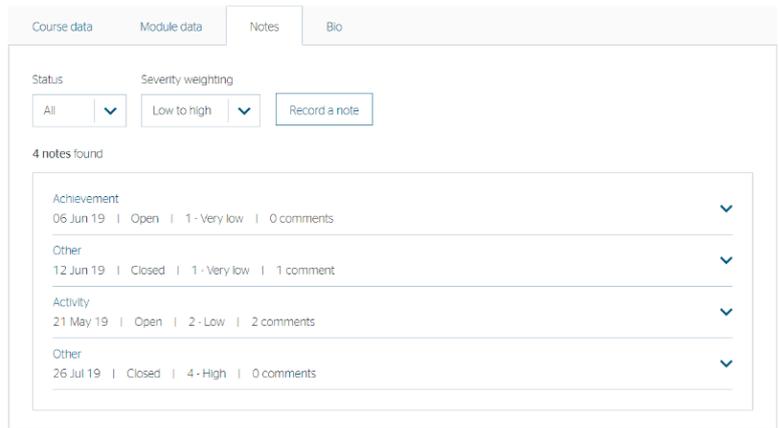
By clicking on the grade of assessment, you will see a graph of the assessment mark distribution. The patterned band depicts the student's marks.



Module Traffic Lights: At the bottom of the dashboard you will see 'module traffic lights' (visualisation and detail on pg.10).

Notes

The notes tab allows the recording of notes and shows a list of any recorded notes of meetings or other interactions with the student.



Status: All | Severity weighting: Low to high | Record a note

10 notes found

19 Dec 19 | Open |

Method: Select a value | Status: Open | Level: Select a value

Reason: Select a value | Start date: 19/12/2019 | End date:

Conducted by: Test Tutor | Protect Message: No (dropdown menu open showing No, Yes)

Description:

Cancel Save

By clicking on 'Record a note' you can input details of an intervention with a student. If the conversation is confidential you have the option to 'Protect message.' If this option is selected, only the tutor who has written the note will be able to open and read once saved.

If a note is protected, you will see this:

Personal
19 Dec 19 | Protected | Open | 3 - Medium | 0 comments

All other people will see this:

Personal
19 Dec 19 | Private & Confidential | Open | 3 - Medium | 0 comments

and will not be able to view what has been recorded.

Bio

Student ID: 1002 | Course: BA (Hons) Jiscing | Year: 2018-2019 | Tutor: Paul Bailey | RAG Indicator: 33% | Student Status: In hand

By clicking on 'Bio' you can view other information about the student and change the student status field.

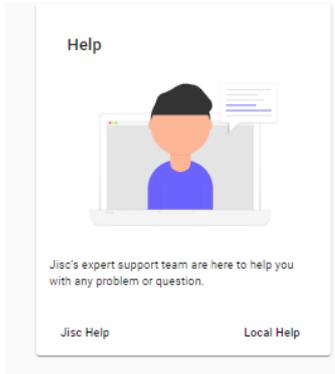
Course data | Module data | Notes | Bio

First Name: Paul | Last Name: Bailey | Student status: In hand

Student no.: 1002 | VLE ID: 1002 | Tutor: Paul Bailey

Student Status: You can change the status of a student as 'in-hand' or 'stopped'. The purpose of this is to aid sorting when supporting a larger number of students to focus only on those that are not already in hand. This value is set on the student page or in the Bio tab (see above) and then can be used as a filter in views where there a list of students.

Typically, a member of staff would use the filter to view all students who had a 'Red' indicator and were not already in hand or stopped. Then to review students in-hand to see if their indicators have improved.



Help

Your institution can choose whether to have this option showing and configured to 'help and support' pages at your institution and/or configured to the 'help and support' pages at Jisc.

Providing Feedback or Reporting Faults

If you find a problem with the software or the data, then you should contact your institutional project lead who will collate and report to Jisc.