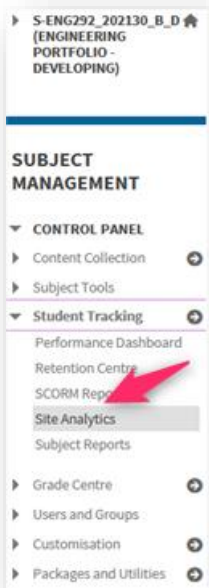




# Site Analytics: Student activity data in an Interact2 subject site



The Site Analytics Tableau Dashboard forms the basis of Interact2 learning data reporting. Site Analytics presents a near real-time overview of student activity within an Interact2 subject site. Data in the Site Analytics dashboard are refreshed once per day at 2am. Site Analytics reporting does not require you to turn on Statistics Tracking in content areas in order to gain student activity data.



The Site Analytics link is located in the Control panel, the lower section of the subject site navigation menu.

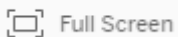
Control Panel > Student Tracking > Site Analytics

Once you enter the Site Analytics page, you will see a direct link to the Tableau dashboard for your subject. Click on this link to enter Tableau; you will need to authenticate by entering your normal login details.

There are four views within the Site Analytics dashboard:

1. Site Overview
2. Student Content Activity
3. Student Timelines
4. Daily Breakdown

Navigation between the views is provided along the bottom of the dashboard. Note the further action buttons at the bottom of the screen.



There is a Full Screen option at the bottom right, should you find this helpful for better viewing.



If you make changes at any point in viewing dashboard sheets, like excluding a student or a column, you can return to original view by using the Undo button at bottom left of the screen.



Each of the dashboard views has a Download ability located at the bottom right of the page. There are various download options to select from. You may want to experiment a bit to see which option will best suit your needs.

The Data download provides two options:

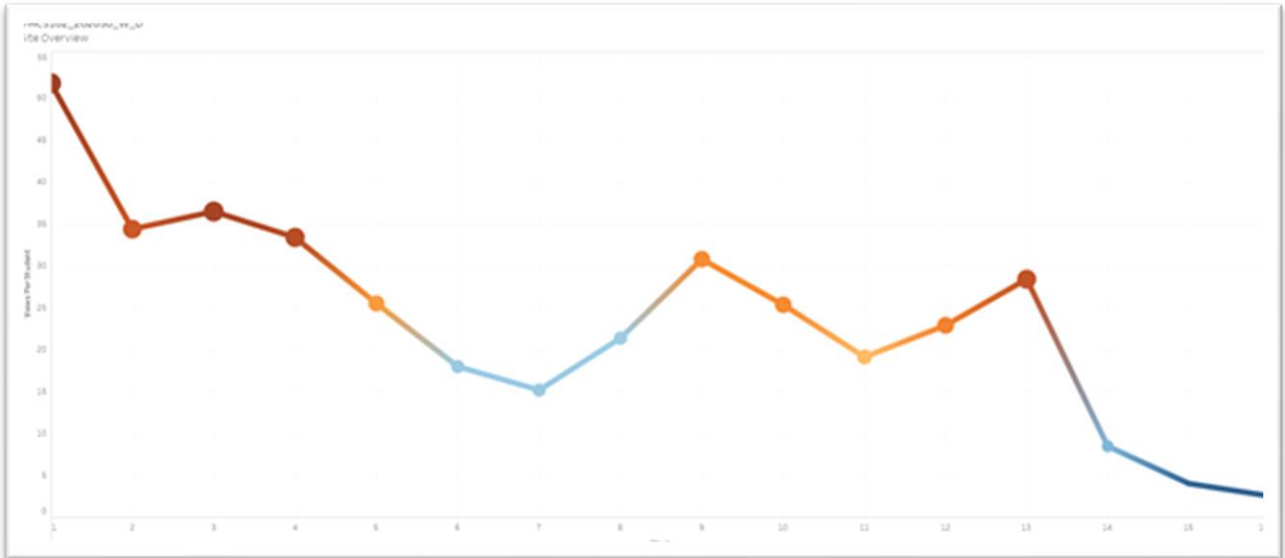
- Summary
- Full data

Use *Download all rows as a text file* to open as a CSV file within Excel, where you can do further data or graphical analysis.

Subject Site Code	week	AGG(Hours Per Student)	AGG(Views Per Student)
S-ACC100_202030_B_D	-2	0.67033	11.3191
S-ACC100_202030_B_D	-1	0.57611	11.7925
S-ACC100_202030_B_D	1	2.13896	22.1013
S-ACC100_202030_B_D	2	1.88765	17.0000
S-ACC100_202030_B_D	3	1.63994	15.4304
S-ACC100_202030_B_D	4	1.22729	11.4533
S-ACC100_202030_B_D	5	1.10227	10.9710
S-ACC100_202030_B_D	6	0.60875	7.4800
S-ACC100_202030_B_D	7	0.85959	9.9804
S-ACC100_202030_B_D	8	0.47174	7.1481

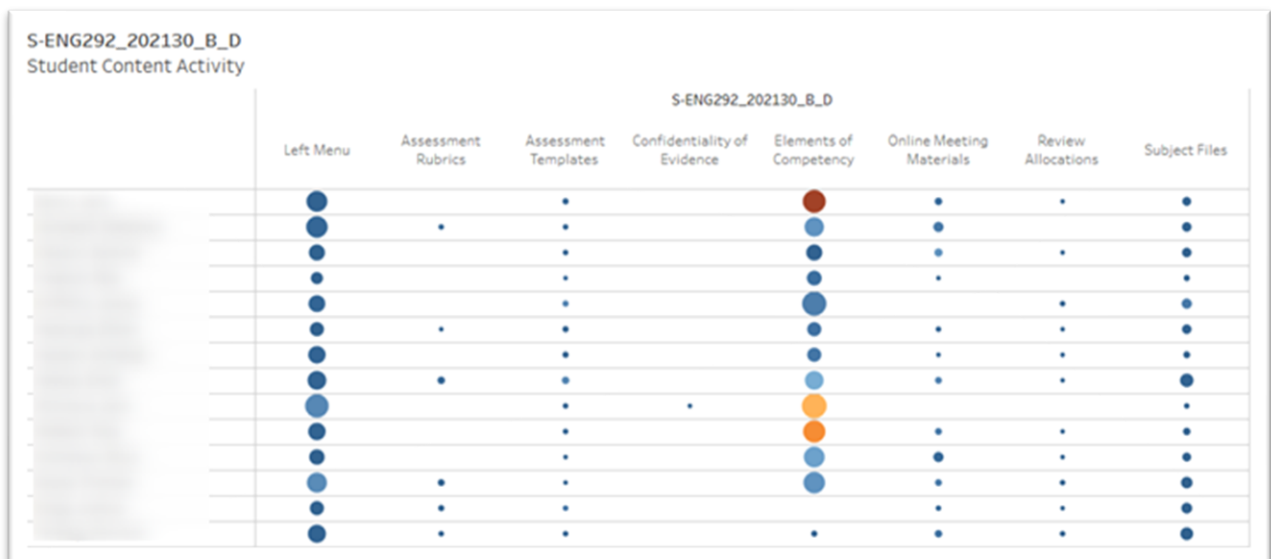
## The Four Dashboard Views

### 1. Site Overview

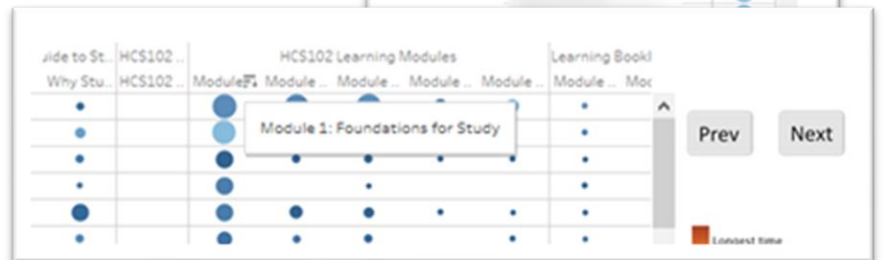
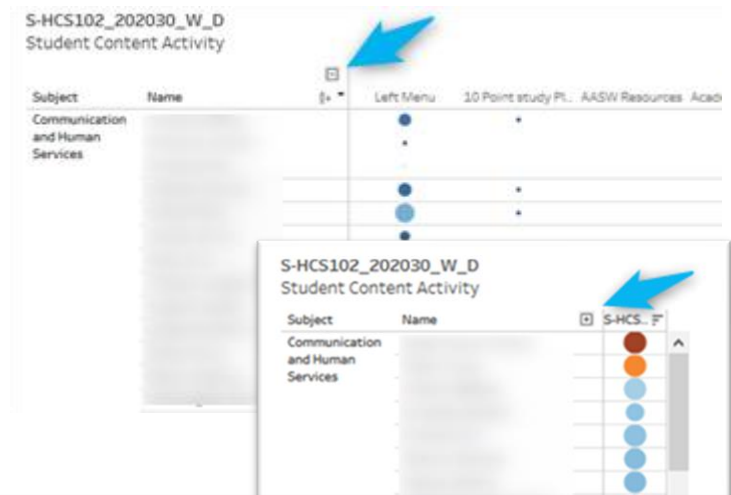


- Provides a good synoptic view of the subject engagement pattern over the teaching period, using site views and minutes spent in the site
- Mouse hover over a data-point to gain its per-week average for views per student and minutes per student
- The overview line is equivalent to the mean trend-line displayed in the Student Timelines view (although on a different scale for the y-axis)
- Use the overview line to match what you would anticipate to be the student engagement pattern for your learning intentions in the subject
- If you have a merged subject, you can compare the trend lines for each of the student cohorts by opening the Site Overview sheet in different browser tabs

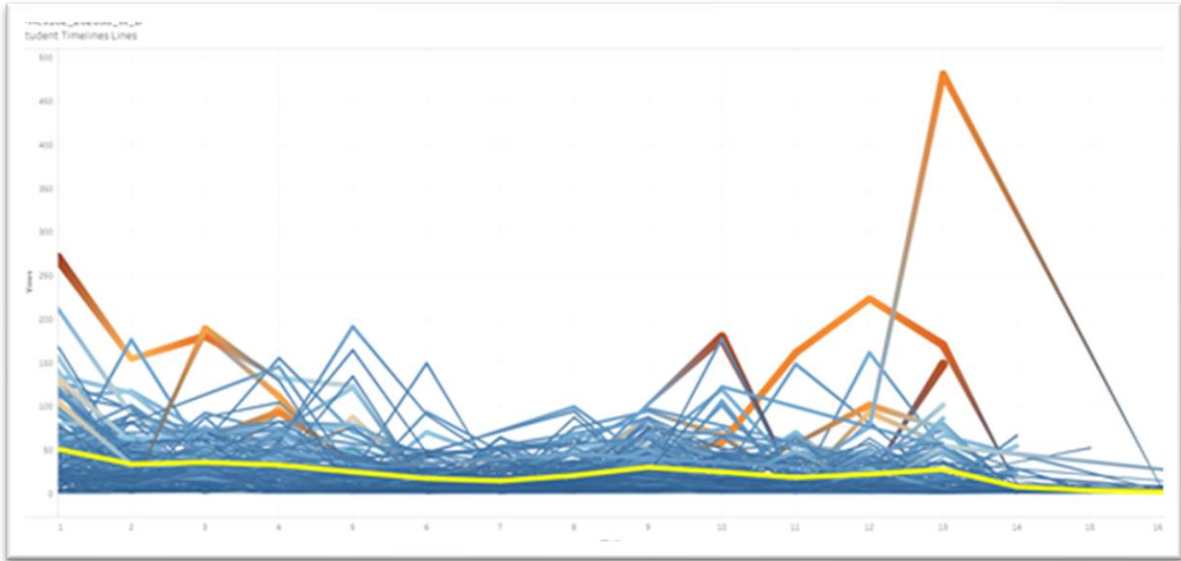
### 2. Student Content Activity



- This dashboard view is a visual representation of individual student views of *learning content* within the subject site
- The default view is access by content group; use the bottom horizontal scroll bar to see further content and views of that content
- Mouse hover on a data point to display a tooltip with additional information about that student:
  - Date of first and last access
  - Total time in minutes
  - Number of views
  - Student's views by week of session
- Sort a column by ascending or descending value, using the Sort icon: mouse hover slightly to the right of a column header, then click the icon when it appears
- It is possible to view content items in more or less detail
  - Collapse to show only Left Menu views, by mouse hovering in the area indicated in the image (on the right) till the - Minus icon appears; click the icon to collapse the view
  - In this collapsed view, it may be helpful to sort the column data, to see students either high or low on views to the site
  - To expand the content area, mouse hover in the indicated area until the + Plus icon appears; click the + icon to expand the content listing
  - From this point, it is possible to further expand the content listing by clicking the + icon again
  - Content appears, ordered by the hierarchy of folders used in content placement within the subject site
  - View data relating to a Content column by mouse clicking the column header to reveal the tooltip; use the included icons to sort the column (ascending/descending), view and download the data for the column only (most useful)
  - To gain further insight into content views, download the data to Excel using the Full data download option (the bottom right of the screen).

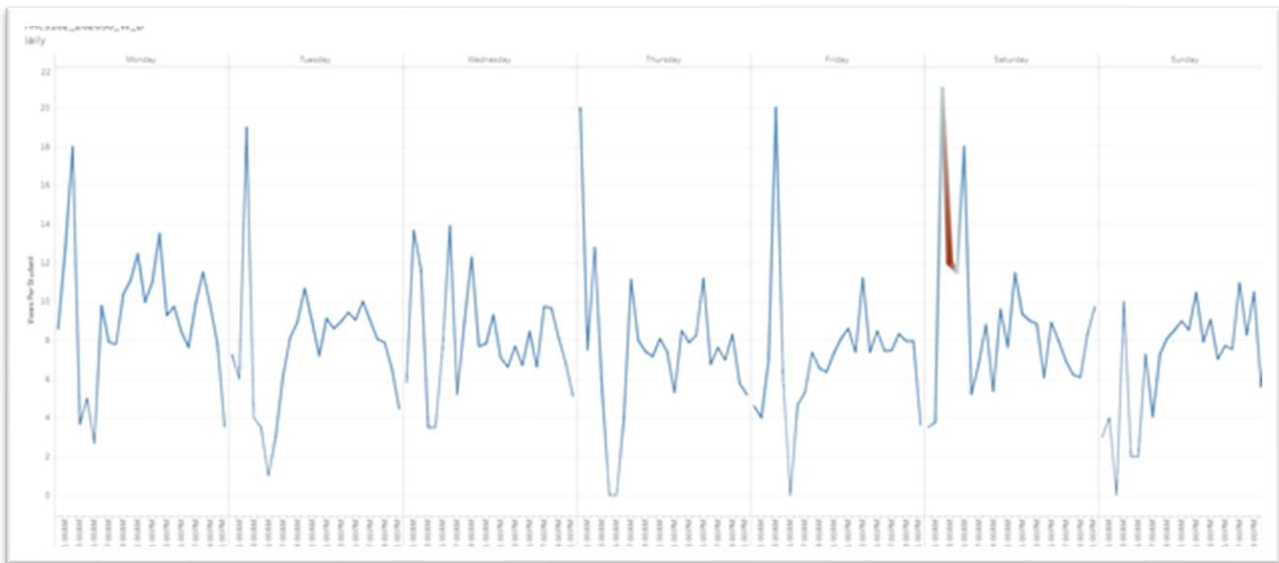


### 3. Student Timelines



- Each series represents the number of views for an individual student by week, from the start to finish of a session
- Use the Toggle button to change the view from a line graph for each student to a bubble display for the week
- The series plotted in highlight yellow is the mean number of views by week:  
 Mouse hover over a data point for a given week to reveal a tool-tip with number of active students; average minutes per student; and average views per student
- To see a student's weekly activity trend, use the student cohort list on the right to select one of more students; the average line can also be selected/de-selected
- Download an individual student's data by selecting their name only, then use the Download button to export their data to Excel CSV, either in Summary form or Full data details
- To see a student's activity for a particular week, hover over the data point for that week, click to reveal the full tool-tip, then click the data icon to open the data view; from here, choose either the Summary or Full data option to export
- If you have entered assessment marks into Grade Centre, you may like to compare student content activity against their marks.
-

## 1. Daily Breakdown



This dashboard sheet presents the number of views per student for a given weekday by hour

- Mouse hover on a data point for a tool-tip that provides hour of initial access, minutes per student, and views per student
- Use the line graph to match what you would anticipate to be the pattern for student engagement in the subject: highs would possibly indicate where a Zoom online meeting was scheduled; or where an online task or assessment was due to be completed.

## 2. Some final advice

Don't rely on learning data and reports as some kind of learning polygraph. They are not meant to be used in this way. Since Site Analytics basically only measures content activity, we have to be careful how we determine attribution of activity. Data may help you determine, for instance, which teaching practices are working best, but maybe not why.

So the best place to start is not with the data so much as start with the pedagogy. Have a question in mind, or begin with an issue you'd like to resolve. Then use analytics approaches to gain insight from learning data to improve the learning and teaching.

In the use of student data, it's important to recognise the role we have in the protection of student privacy. Our data practices are governed by the Charles Sturt [Learning Analytics Code of Practice](#), which you are encouraged to read. One practical realisation of the Code of Practice would be the caution we exercise in saving or printing off learning data reports.



For assistance with learning data analysis, or for help in framing your own questions regarding student activity and engagement in your subject, contact the Learning Analytics Lead using the icon located on your CSU computer desktop or by this link: [bit.ly/DLT-SRS](https://bit.ly/DLT-SRS)