About this Report

This report displays Grade Centre and interaction data on a relative basis for students enrolled in a Blackboard Unit. The data is displayed for each student in aggregate, and over time, for the respective Study Period. The relative comparison between students enrolled in the Blackboard Unit is accomplished using statistical deciles, which divide the activity and mark data into 10 equal parts, the results of which are displayed graphically using a heat map colour scheme. Students are also assigned a “matrix” classification based on their relative activity and mark decile values, which provides a generalisation of a student’s activity and mark profile in a Unit.

This report can help analyse activity and mark patterns in a Unit, and help find students with different usage and performance profiles, both of which can be used to support differentiated educational approaches.

The Grade Centre Final Mark Column is a flag that must be set by a Unit Coordinator in a Blackboard Unit. This ensures that Final Marks are transferred to StudentOne at the end of the Study Period. Note that the calculation in the Final Mark column can be changed at any time; this can be useful if a Unit Coordinator wants to plot interim assessment results against Unit Accesses. For more information about the Final Mark and Final Grade columns, refer to the guidelines provided by Curtin Teaching and Learning.

Using the Report

This report displays a grid of students enrolled in the Unit and various decile and heat map information are displayed against two variables: the Grade Centre Final Mark Column and the Interactions selected.

The decile values for the Activity and Mark for a given student are from 1-10. Each of these values is assigned a heat map colour, from blue (highest, or 1st decile) to red (lowest, or 10th decile).
Activity Matrix Help

- **Student**: The name of the student, including the student ID. The name is displayed as a link, which goes to the Student Overview report. This column can be sorted by clicking on the column header.

- **Interactions**: The interactions decile value for a given student (1-10) displayed as a heat map. Moving the cursor over a given student’s decile heat map will display the decile value and the measure details. This column can be sorted by clicking on the column header.

- **Mark**: The Grade Centre Final Mark Column decile value for a given student (1-10) displayed as a heat map. Moving the cursor over a given student’s decile heat map will display the decile value and the measure details. This column can be sorted by clicking on the column header.

- **Matrix**: The Activity & Mark Matrix value for a given student, displayed as an icon corresponding to the classification. Moving the cursor over a given student’s matrix category will display the category classification, and the activity and mark deciles. This column can be sorted by clicking on the column header.

Each student is assigned a matrix category as follows:

<table>
<thead>
<tr>
<th>Matrix Category</th>
<th>Icon</th>
<th>Activity Deciles</th>
<th>Mark Deciles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active &amp; Higher Mark</td>
<td>![Icon]</td>
<td>1, 2, 3, 4, 5</td>
<td>1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>Inactive &amp; Higher Mark</td>
<td>![Icon]</td>
<td>6, 7, 8, 9, 10</td>
<td>1, 2, 3, 4, 5</td>
</tr>
<tr>
<td>Active &amp; Lower Mark</td>
<td>![Icon]</td>
<td>1, 2, 3, 4, 5</td>
<td>6, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Inactive &amp; Lower Mark</td>
<td>![Icon]</td>
<td>6, 7, 8, 9, 10</td>
<td>6, 7, 8, 9, 10</td>
</tr>
</tbody>
</table>

- **Activity by Week of Study Period**: The decile value for a given student (1-10) displayed as a heat map, by the week of the respective Study Period. Moving the cursor over a given student’s decile heat map will display the decile value and the measure details.

This report might be useful to find students who fit certain activity and performance profiles, which can then be used to inform a differentiated educational approach. For example, by sorting on the matrix column, students are sorted into the four matrix categories described above. This makes it easy for Unit Coordinators to find students that, for example, are very active in a Blackboard Unit, but who are struggling from a Mark perspective.