Analytics and reporting tools

by CYPHER LEARNING

Analytics and reporting tools
# Analytics and reporting tools

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Introduction

**NEO** is a world-class, award-winning learning management system (LMS) for schools and universities. The platform is known for delivering a great user experience while incorporating all the essential tools schools need to support effective teaching and learning.

NEO helps schools manage all classroom activities, such as creating and delivering educational content, assessing students, tracking their results, and promoting communication and collaboration between students and teachers/faculty.

NEO is a product of CYPHER LEARNING, a company that specializes in providing learning platforms for organizations around the world. CYPHER LEARNING provides a similar LMS for use by businesses called **MATRIX** and an LMS for use by entrepreneurs called **INDIE**. CYPHER LEARNING products are used by over 20,000 organizations, have millions of users, and have won several awards.
Using analytics and reporting tools in NEO

NEO provides a comprehensive set of analytics and reporting tools that schools can use to retrieve valuable data about multiple areas of the platform.

Users have access to different analytics and reporting functionalities that offer relevant information about the school’s online educational activity. Our tools ensure the continuous monitoring of teaching and learning activities, as well as pinpointing problematic areas that need to be addressed.
Analytics

NEO makes it easy to gain insight to different areas such as the portal, classes, learning paths, groups, users, and more. You can generate instant and up-to-date information on students’ progress and identify the students that are doing well and the ones that might need some extra help.

Site-wide analytics

Administrators have access to a great variety of site-wide analytics for area such as classes, users, organizations, and more.

Classes

In the Classes area, administrators can see all the classes in the platform and information about active, deleted, and archived classes, including data regarding the number of active students, completed students, and more.

<table>
<thead>
<tr>
<th>Classes</th>
<th>Template</th>
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<th>Deleted</th>
</tr>
</thead>
<tbody>
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<tr>
<td>Analog Photography</td>
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<td>Artistic Photography</td>
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<tr>
<td>Composition and Storytelling</td>
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<td></td>
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<tr>
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<td>Graphic Design Fundamentals</td>
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<td></td>
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<tr>
<td>How to use your DSLR</td>
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</tr>
<tr>
<td>Light and Photography</td>
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<tr>
<td>Nature Photography</td>
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<tr>
<td>Portrait Photography</td>
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<td></td>
<td></td>
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<tr>
<td>Sport Photography</td>
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<td></td>
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<tr>
<td>Underwater Photography</td>
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<tr>
<td>Wildlife Photography</td>
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<td>13</td>
<td>3</td>
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<tr>
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<td>Visual Arts</td>
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<td>Zoeit Bernese</td>
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<tr>
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</table>
Analytics and reporting tools

Learning paths

In the Classes area, administrators can see all the classes in the platform and information about active, deleted, and archived classes, including data regarding the number of active students, completed students, and more.

Users Catalog

The Users catalog lists users by account type with a set of relevant information for each category.
In the Students tab, the available information includes the number of active, completed, and deactivated classes. You can also see the number of groups, the time since the student last visited the portal, and more.
Analytic and reporting tools

Organizations

Administrators can see details about each organization within the platform in the Organizations area of the portal.

For each organization, you can see the list of users by type, the number of classes, learning paths, groups, the list of purchases, and more.
E-commerce

If e-commerce is enabled, administrators can see the purchases made by users. They can access the Summary page of the purchases that lists completed and incomplete orders, prices, and purchase details for each item.

Compliance

In the Compliance tab, administrators can see the classes required for compliance, the number of users who are compliant, in progress or non-compliant.
Classes

Teachers have access to a wide range of analytics that offer an instant overview on different areas of the class such as its lessons, assignments, and information about students’ progress and mastery.

Lessons

In the Lessons tab, teachers can see the lessons progress and how much time students spent in each lesson.
Assignments

In the Assignments tab, teachers can see all the assignments with details such as the grades, scores, submissions due, and more.

Gradebook

In the Gradebook, teachers can see the grades of all students in the class for all the class assignments.
Teachers can generate more in depth analytics for each user and assignment. For example, they can generate a grade report that list all the grades for a student and a corresponding chart.

Teachers can also see in the gradebook analytics for each assignment.
Mastery

If the class has associated competencies, teachers can see in the Mastery tab a coverage analysis of how well the class covers the concepts that it should be teaching and assessing.

The mastery grid lists the students and their mastery level for each competency.
Games

If the class has a game, teachers can see the game leaderboard which lists all the students and their rankings in the game. Teachers can also see a game overview with the levels, the badges and points that are awarded, and the full leaderboard.

Students

In the Students tab, teachers can get a detailed overview of the students progress in the class. Students are organized by active, completed, unenrolled, invited, and more. Teachers can see for each student the grade, score, progress, mastery, number of assignments due, number of awards, and more.
In the Grades section, teachers can see the grade for each student on assignments, if there are any assignments due, and more.

The mastery grid lists the students and their mastery level for each competency.
In the Timeline section, teachers can see the students activity in the class.

In the Lessons section, teachers can see the time spent in each lesson by the student.
In the Assignments section, teachers can see analytics for the student’s assignments.

In the Mastery section, teachers can see the mastery progress of the student.
In the Awards section, teachers can see the awards that the student received so far.

Teachers

The Teachers area lists all the teachers of the class, the time since a teacher last visited the site, and the owner of the class.
TAs

In the TAs tab, teachers can see the list of teaching assistants in the class. They can also see the time since TAs last visited the site.

Purchases

If e-commerce is enabled, in the Purchases tab teachers can see the list of students who purchased the class, the number of items purchased, the total amount, and the purchase date.
Analytics and reporting tools

Learning paths

Analytics for learning paths show the progress of students as they complete goals in the path.

Students

In the Students tab of the path, teachers can see all the students enrolled in the path, the active students, and the ones that completed the path. They can also see the progress of each student and the date when the student enrolled in the learning path.
Analytics and reporting tools

Admins

In the Admins tab, teachers can see the list of path admins and the time since they last visited the site.

Games

If the learning path has a game, teachers can see the game leaderboard which lists all the students and their rankings in the game. They can also see the badges and points that are awarded in the game.
Groups and Teams

Groups and Teams are a great way for users to collaborate and share ideas. Analytics for groups and teams offer information about their members, admins, leaders, and more.

Members

The Members tab lists all the users who are members of the group or team. They can also see when other group members joined the group and when they last visited the group.
Admins

The Admins tab lists all the users who are administrators of the group or team. They can also see when group admins joined the group and when they last visited the group.

Leaders

The Leaders tab is only available for Teams and lists all the users who are leaders of the team.
Analytics and reporting tools

User profile

On the profile of a user, administrators and teachers can see various analytics for the user.

Info

In the Info tab, teachers and administrators can see the list of classes the student is enrolled in. The available data for each class shows information about the student’s progress, grade, due assignments, mastery level, and more.
Completed

In the Completed tab, teachers and administrators can see the classes the student completed.

About

In the About section, teachers and administrators can see basic information about the student.
Reporting tools

Administrators and teachers can stay informed about various aspects of the platform by running built-in reports or create custom reports. Users can save reports, see a reports history, and schedule reports to be delivered at a certain time and date.

Built-in reports

Administrators and teachers can create charts and reports of important data such as assignment grades, lesson progress, missing work, class status, class completion, and more.

![Image of Reports interface]

- **Assignments**
  - Assignment usage
  - Missing work
- **Classes**
  - Class attendance report
  - Class completion
  - Class status
  - Class style
  - Custom report
  - Types of assignments in classes
  - Weekly Report
  - classes
The Assignment usage report shows the various assignment types in the platform and how they are used.

The Missing work report lists the students of the platform and the assignments they have not yet submitted.
Analytics and reporting tools

The Class attendance report lists the attendance records of students in a class.

The Class completion report lists the students that have completed a class.
Analytics and reporting tools

The Class enrollment report lists the students that have enrolled in a class.

The Class status report lists the students and the completion status for the selected class.
The Class compliance report lists the classes that are required for compliance and the compliance status of the enrolled users.

The Compliance summary report lists the classes that are required for compliance and their details.
The Revenue report shows the monthly revenue from selling online classes. This report can be used if e-commerce is enabled.

The Policy documents report lists the policy documents of the platform and the users that accepted them.
The Site statistics report lists general analytics about the platform.

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
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<tbody>
<tr>
<td>Students</td>
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<td>Files</td>
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The Organizations report generates analytics about the organizations of the platform.

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<tr>
<th>ID</th>
<th>Name</th>
<th>Administrators</th>
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<td>16</td>
<td>35</td>
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<td>3</td>
</tr>
</tbody>
</table>
Custom reports

Users can create custom reports with parameters defined by them. Custom reports are easy to create and they can be shared at a school or district level.

Classes

Administrators and teachers can generate custom reports on classes by combining data from groups, organizations, users, and more.

For example, you can generate a report that displays a breakdown of how many classes in the entire platform are instructor-led, self-paced, blended, or micro classes.
Analytics and reporting tools

Users

Administrators can generate reports at a school level on all the users and they can customize the output of the report by selecting only the needed information about classes, groups, organizations, and more.

For example, they can create a custom report that lists all the students from the school and their year of study.

![Chart showing user report by year of study]
Groups

Administrators can generate custom reports on all the groups and they can customize the output of the report by selecting only the information that they need.

For example, administrators can generate a custom report that displays the number of members by nationality in each group.
Analytics and reporting tools

Organizations

Administrators can generate custom reports which include data from each organization combined with information about their classes, groups, users, and more.

For example, administrators can generate reports that display the classes from each organization with the selected details.
Learning paths

Administrators can generate custom reports on learning paths and they can customize the output of the report by selecting only the information that they need.

For example, they can generate a custom report that shows information about the learning paths and the organization the learning paths belong to.
Orders

If the E-commerce feature is enabled, administrators can generate custom reports that display data about the sold items, the revenue of each organization within the platform, the users who made purchases, and more.

For example, they can generate a report that lists all the orders from the platform and the items of each order.
Analytics and reporting tools

Summary

NEO provides a variety of analytics and reporting tools that schools and universities can use to retrieve valuable information about many aspects of the platform and manage their online education programs.

For more information about the analytics and reporting tools provided by NEO LMS, please contact us at info@cypherlearning.com or visit our website.

www.neolms.com