



# Skills inventory analytics: advanced

Tags: **Skills**

Skills inventory analytics surfaces your team’s development by capturing your team's most popular subjects and showing you how proficiency levels are distributed across the team.

In this article, we'll give an overview of the data and report features of advanced skills inventory analytics. Before reading, we recommend reading about [basic skills inventory analytics](#).

In this article

[What you can do](#)

[Web report](#)

[Next steps](#)

	Who can use this?				
	<u>Stnd</u>	<u>Prem</u>	<u>Strt</u>	<u>Pro</u>	<u>Ent</u>
<u>Learners:</u>					
<u>Managers:</u>				+	✓
<u>Admins:</u>				+	✓

+ Available as a [plan add-on](#)

## What you can do

Advanced skills inventory analytics helps you:

- See which skill assessments are getting the most traction on your team
- See which members of your team are engaging in the content aligned to your strategic goals
- Spot opportunities to guide specific individuals' development

[back to top](#)

## Web report

To get started:

1. Click **Analytics** in the left navigation panel.
2. Click the **Skills inventory** tab in the top center panel.
3. Scroll down to the inventory table and click a subject.

# Overview



**A.** The overview shows overall metrics regarding subjects your users have engaged with. The data fields include:

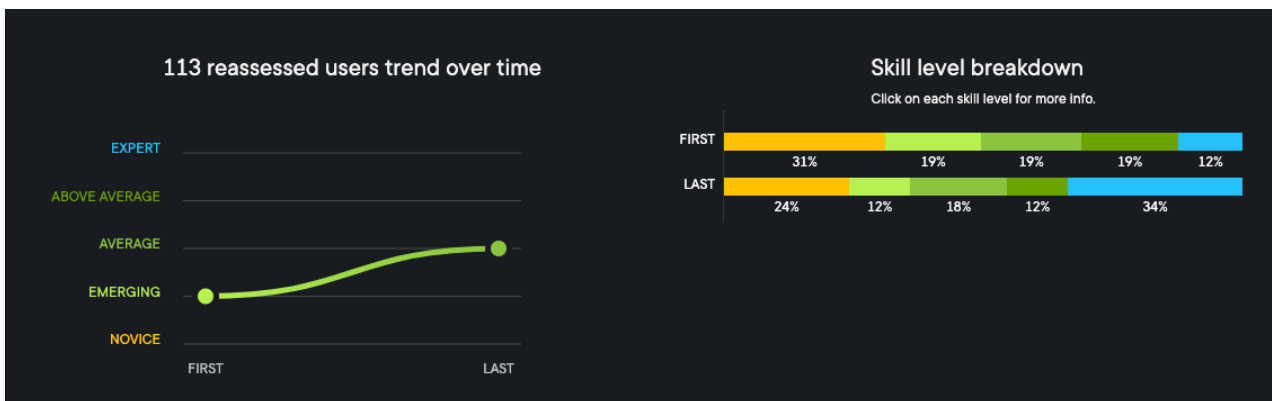
- Engaged users
- Assessed users
- Reassessed users
- Skill ups
- Avg skill growth

**B.** You can customize the web report with the **date range** filter.

**C.** You can customize the web report with the **teams** filter. To view unassigned users, make sure all teams are deselected.

## Visualizations

You'll find two visualizations below the overview section:



### Reassessed users trend over time

**Reassessed users** shows the progress of learners who completed a skill assessment at least twice. Data points on the graph include:

- **First:** the average of the initial scores of all learners who reassessed
- **Last:** the average of the most recent scores of all learners who reassessed

### Skill level breakdown

**Skill level breakdown** shows the percentage of learners in each of the five skill levels, highlighting how their skills have changed over time. You can click the segments of the top bar to see how those users have moved between skill levels. Data used for the two bar graphs include:

- **First:** skill breakdown of the initial scores of all learners who reassessed
- **Last:** skill breakdown of the most recent scores of all learners who reassessed

**Tip:** A minimum of seven reassessed learners are required to populate the **skill level breakdown**. Adjusting the **date range filter** to a wider date range may help if your selection lacks enough data to populate the visualization.

## Tables

You'll find three tables below the visualization section. Click the **skill assessments**, **user skill progression**, and **user engagement** tabs to view the respective tables.

### Skill assessments

The **skill assessment table** shows details about each assessment that's part of the selected subject. Click any of the column labels to sort by that field, and click again to toggle between ascending and descending.

You can encourage engaged, but unassessed, users by clicking **Invite to assess** next to any of the assessments in the table. Clicking this shows you a preview of the email that will be sent, along with the number of users it will be sent to.

The data fields for each assessment include:

- [Assessment name](#)
- [Engaged users assessed](#)
- [Engaged users reassessed](#)
- [Engaged users unassessed](#)
- [Skill level composition](#)

Beside each assessment's record, you can click the caret to expand or hide the **assessment drawer**. The drawer includes a detailed list of users who engaged with the assessment or its related content during the specified time frame.

The data fields for each assessment include:

- [Name](#)
- [Assessments taken](#)
- Initial assessment
- Initial skill level
- [Last assessment](#)
- [Current skill level](#)

## User skill progression

The **User skill progression** table details how a user's skill level has progressed over time. Click any of the column labels to sort by that field, and click again to toggle between ascending and descending.

The data fields for each user include:

- [Name](#)
- [Assessments taken](#)
- Initial average skill level
- Last assessment taken
- Current average skill level

You can apply filters to the **Initial average skill level** and **Current average skill level** columns to fine-tune your results.

Beside each user's record, you can click the caret to expand or hide the **user drawer**. The drawer includes a detailed list of assessments taken by the user.

The data fields for each user include:

- Assessment name
- Initial assessment
- Initial skill level
- Last assessment
- Current skill level

## User engagement

The **user engagement table** lists assessment activity by individual users. Click any of the column labels to sort by that field, and click again to toggle between ascending and descending.

The data fields for each user include:

- [Name](#)
- [Content interactions](#)
- [Assessments taken](#)
- [Last assessed](#)
- [Current average skill level](#)

Beside each user's record, you can click the caret to expand or hide the **user drawer**. The drawer includes a detailed list of the user's interactions with content related to the selected subject. Content types include assessments, interactive courses, labs, projects, and video courses.

The data fields for each piece of content include:

- [Content name](#)

- [Content type](#)
- [Interactions](#)
- [Last activity](#)
- [Current skill level](#)

[back to top](#)

---

## Next steps

Explore how the other analytics experiences can help you monitor and guide your team's growth.

Basic analytics	Advanced analytics
<a href="#">Channels analytics: basic</a>	<a href="#">Channels analytics: advanced</a>
<a href="#">Content analytics</a>	<a href="#">Roles analytics: advanced</a>
<a href="#">Roles analytics: basic</a>	<a href="#">Skills inventory analytics: advanced</a>
<a href="#">Skills inventory analytics: basic</a>	
<a href="#">Subjects analytics</a>	
<a href="#">Usage analytics</a>	
<a href="#">Users analytics</a>	

See which analytics experiences are included in [your team plan](#).

---

If you need help, please email [Pluralsight Support \(opens email form\)](#) for 24/7 assistance.