



Skills inventory analytics: basic

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 basic skills inventory analytics. For users on plans with advanced analytics, read about [advanced skills inventory analytics](#) after reading this article.

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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

Skills inventory analytics helps you:

- See the skill inventory and Skill IQ proficiencies within your team
- Ensure skill development is focused on the right subjects
- Spot opportunities to guide your team's development
- See which skills need to be measured and the number of users that have not assessed a skill

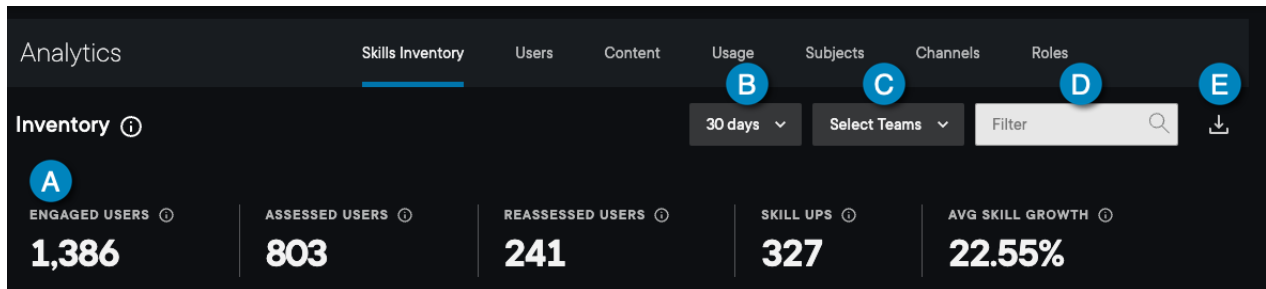
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Web report

To get started:

1. Click **Analytics** in the left navigation panel.
2. Click the **Skills inventory** tab in the top center panel.

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 both the web and CSV reports with the **date range** filter.

Important: The date range filter has limited effect on the data shown in the **Skill IQ distribution by subject** section and the **Detail CSV** report, as detailed below:

- The start date for this data will always be the plan creation date, regardless of the date range filter selection.
- You can change the end date for this data by selecting "Custom", allowing you to see a snapshot from the plan creation date to your selected end date.
- Switching between "30 days", "90 days", "12 months", and "All time" does NOT affect this data.

Why? When a learner takes an assessment, the score remains until replaced by a later retake score. So a learner receiving an "expert" rating a year ago—the last time they were assessed—would still be considered an expert today.

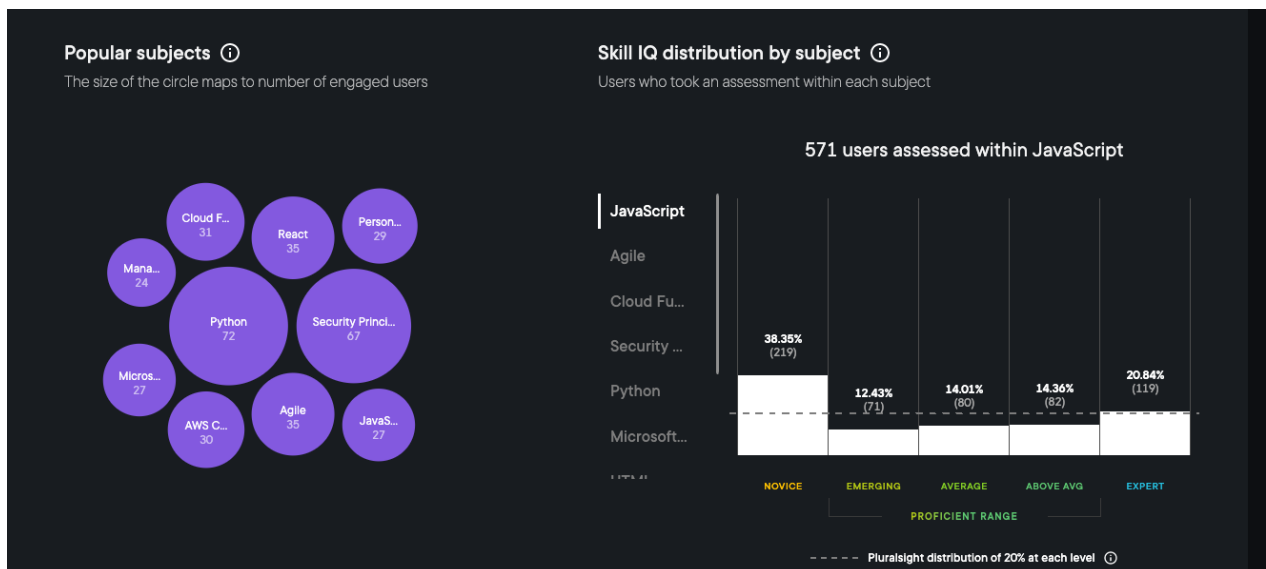
C. You can customize both the web and CSV reports with the **teams** filter. To view unassigned users, make sure all teams are deselected.

D. You can **filter** the web report by entering a keyword or phrase. This does NOT filter the CSV report.

E. You can download a **CSV report** of your analytics data (discussed below).

Visualizations

You'll find two visualizations below the overview section.



Popular subjects

Popular subjects surfaces the trending subjects within your team (up to 50 subjects). This is based on engagement aggregated across video course views, project tasks, interactive course challenges, and assessment completion. Use this to see what your team is focused on, and help them grow by guiding them to the skills needed for current or upcoming projects.

Tip: You can hover over a content bubble to view the number of users engaged with that content and see how many users have yet to take an assessment.

Skill IQ distribution by subject

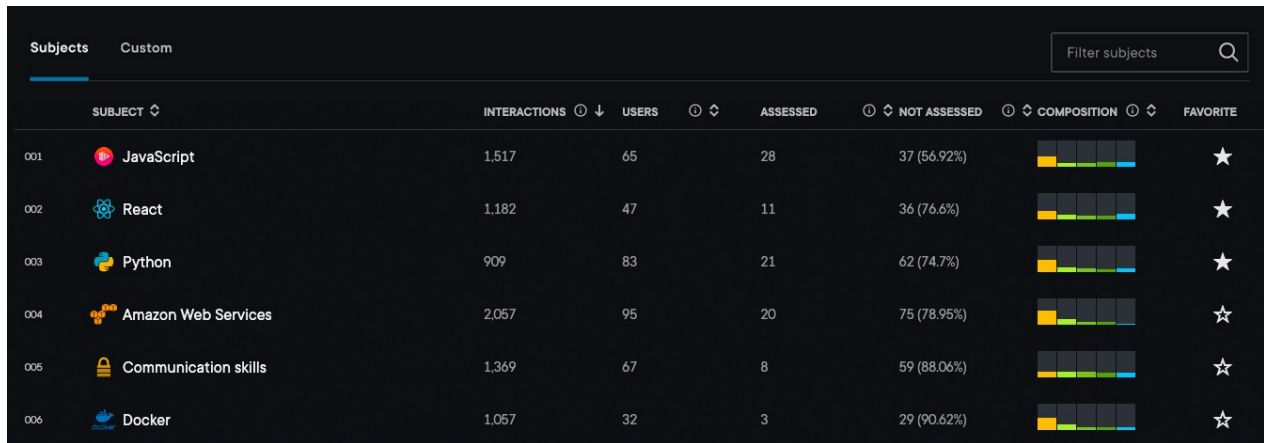
Skill IQ distribution by subject shows the number of users within five proficiency ranges for a particular subject. The Skill IQ proficiency ranges are as follows:

- Novice: 0–100
- Emerging: 101–134
- Average: 135–164
- Above average: 165–200
- Expert: 201–300

This data is aggregated at a subject level, meaning multiple skill assessments could roll up to one subject. For example, 214 users may have taken six different assessments that are categorized within the “Python” subject. The score shown is the average of all of those assessments.

Tip: You can hover over a subject in the left-hand list to see its respective data. If necessary, scroll down (while hovering over the subject list) to see more subjects.

Subjects table



Subjects		Custom		Filter subjects			
SUBJECT	INTERACTIONS	USERS	ASSESSED	NOT ASSESSED	COMPOSITION	FAVORITE	
001 JavaScript	1,517	65	28	37 (56.92%)		★	
002 React	1,182	47	11	36 (76.6%)		★	
003 Python	909	83	21	62 (74.7%)		★	
004 Amazon Web Services	2,057	95	20	75 (78.95%)		★	
005 Communication skills	1,369	67	8	59 (88.06%)		★	
006 Docker	1,057	32	3	29 (90.62%)		★	

Users with both basic and advanced analytics have access to the Subjects table. Users with advanced analytics can also create and view [Custom skill groups](#), discussed below.

The **Subjects table** shows engagement and assessments data, according to the filters you have set. You can click any of the labels to sort by that field, and click again to toggle between ascending and descending. The data fields include:

- [Subject](#)
- [Content interactions](#)
- [Engaged users](#)
- [Engaged users assessed](#)
- [Engaged users not assessed](#)
- [Skill level composition](#)

Tip: You can hover over the graph bars in the Skill level composition column to see the distribution of each skill level.

Favorites

The Favorite column allows you to choose one or more subjects to appear at the top of the table, regardless of the sorting criteria for the table at large. The star icon is a toggle you can select or deselect.

If you mark more than one subject as a favorite, your group of favorites will sort the same as the rest of the table—for example, alphabetically by subject, ascending by engaged users, etc.—followed by the remaining subjects in the table.

Skills will remember your favorites until you change them, making it easy to find them next time.

Custom skill groups

Users with [advanced analytics](#) can create and view **Custom skill groups**, containing the skills and subjects most important to your organization and teams. To view existing custom skill groups, click the **Custom** tab above

the **Subjects table**.

To add a new skill group:

1. Click **Create custom group**.
2. Give the group a unique name.
3. Search for and select the skills and/or subjects to include in your custom group.
4. Click **Create group** when you're finished.

To edit, duplicate, or delete a custom skill group:

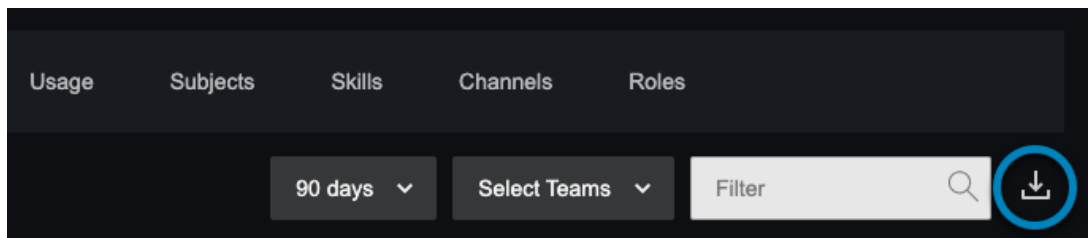
1. Click the **Options menu** (three dots) next to the custom skill group
2. Click **Edit, Duplicate, or Delete**
3. Follow the prompts according to your selection.

Tip: Why duplicate a custom group? This can save you time if you have two or more custom skill groups that are very similar, but just have one or two differences in included skills and subjects.

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CSV reports

View more details about your skills inventory analytics with the CSV report download. To download the CSVs, click the **download** icon next to the filter search bar.



Users with basic analytics have access to the **Summary CSV** report, described below.

Users with advanced analytics have access to both the **Summary CSV** and the **Detail CSV** reports. Clicking the **download** icon will give you a zip file containing both reports.

- The **Detail CSV** includes one record per user, per subject.
- The **Summary CSV** includes data aggregated by subject.

Data fields for the two reports include:

Detail CSV

- [Username](#) of learner
- [First name](#) of learner
- [Last name](#) of learner
- [Email](#) of learner

- [Note](#)
- [Team](#) (blank if not assigned)
- [Subject](#)
- [Skill IQ](#)
- [Quintile](#)
- [Last assessment date](#)

Summary CSV

- [Plan ID](#)
- [Subject](#)
- [Total content interactions](#)
- [Total engaged users](#)
- [Engaged users assessed](#)
- [Engaged users not assessed](#)
- [Engaged users not assessed percentage](#)
- [Engaged users percentage](#)
- [Novice](#)
- [Emerging](#)
- [Average](#)
- [Above average](#)
- [Expert](#)

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Next steps

If your plan includes advanced analytics, learn how to go further with [advanced skills inventory analytics](#).

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

[Basic analytics](#)

[Advanced analytics](#)

Basic analytics	Advanced analytics
<p>Channels analytics: basic</p> <p>Content analytics</p> <p>Roles analytics: basic</p> <p>Skills inventory analytics: basic</p> <p>Subjects analytics</p> <p>Usage analytics</p> <p>Users analytics</p>	<p>Channels analytics: advanced</p> <p>Roles analytics: advanced</p> <p>Skills inventory analytics: advanced</p>
<p>See which analytics experiences are included in your team plan.</p>	

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