

# DataCamp

## Q1 Roadmap 2025



# A better webinar experience for you



## Ask questions

Send us your questions as you think of them; we'll answer them at the end!




## Links

We have tons of goodies in the chat — make sure to check them out!



## Share it!

A recording of the webinar will be sent you — make sure to share it with your colleagues!



# Agenda

- 1 Let's make this interactive
- 2 The data & AI transformation imperative
- 3 What's new for DataCamp in Q1 2025
- 4 How to get started today
- 5 Q&A



01

**Let's make this interactive**



# How do you use/are interested in using DataCamp?

## **Career growth**

I use/interested in DataCamp to learn data skills, apply them via projects and DataLab, and apply to jobs

## **Upskill my team**

I use/am interested in DataCamp to upskill my team, and provide them with high quality learning resources

## **Get myself or my team certified**

I am interested in DataCamp Certifications to grow my/my team's career prospects

02

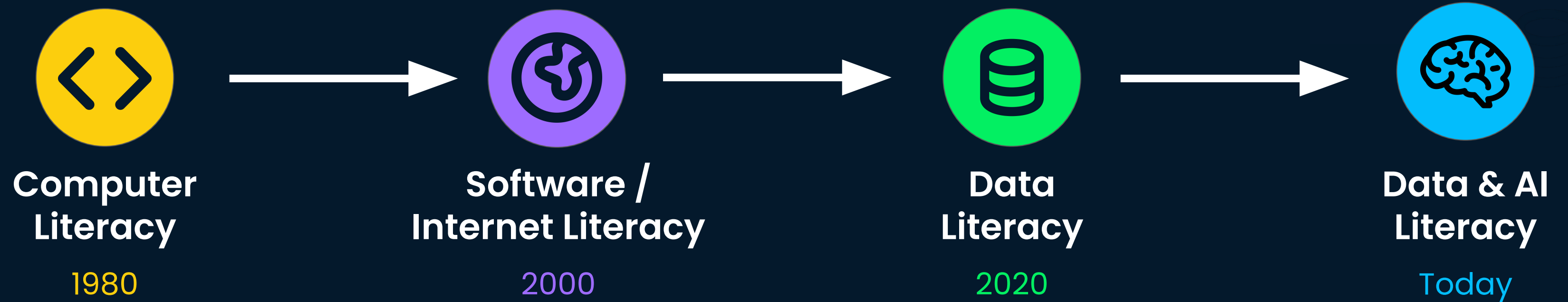
# The data & AI transformation imperative



# The skills economy is shifting



# The skills economy is shifting





# DATAACAMP'S MISSION



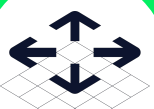
**Provide the best learning experience for data and AI skills**



**A trusted curriculum both wide & deep**



**Built for individuals & organizations of all skill levels**



**Regardless of where they are in the world**



**Beyond learning—a hub for succeeding in data & AI**



03

**What's new in Q2 2025?**





# DATA CAMP'S MISSION



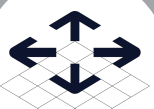
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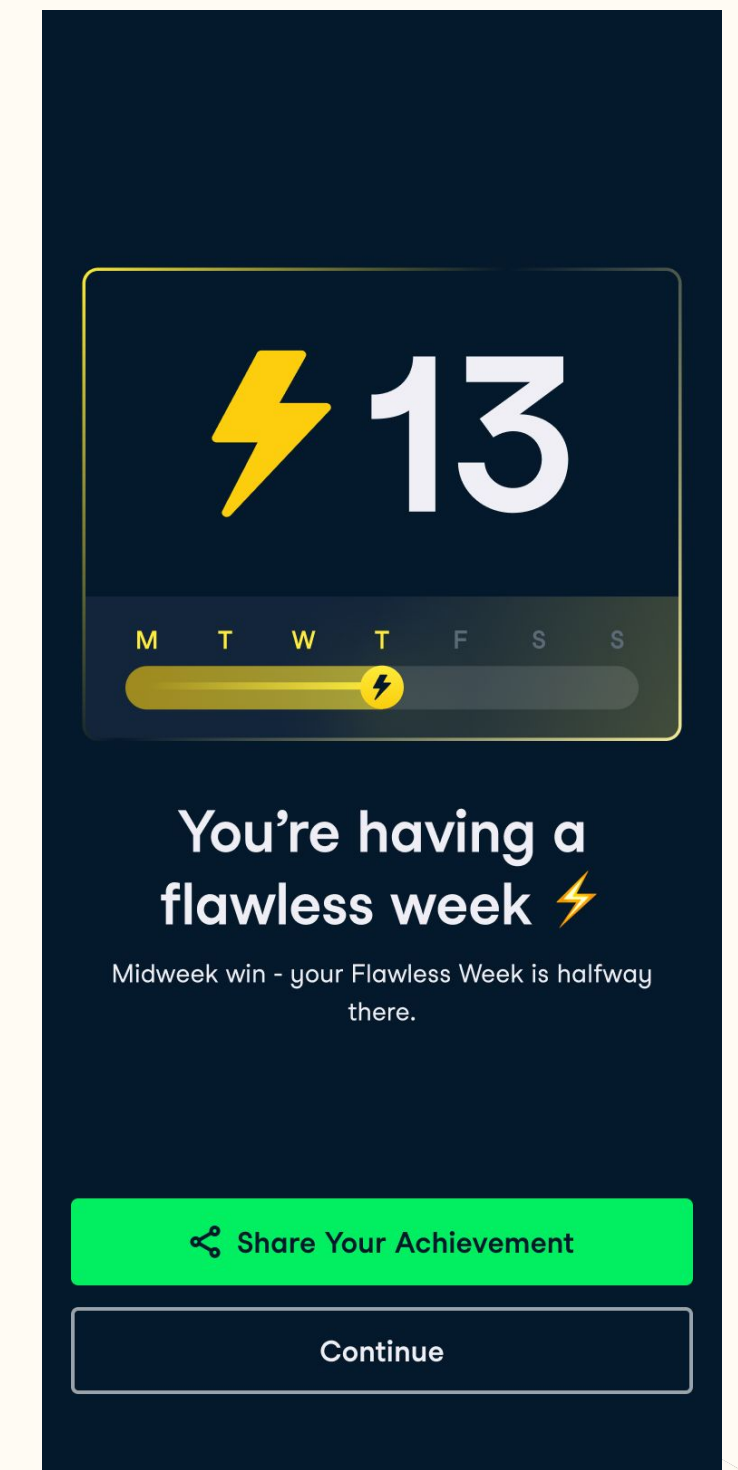
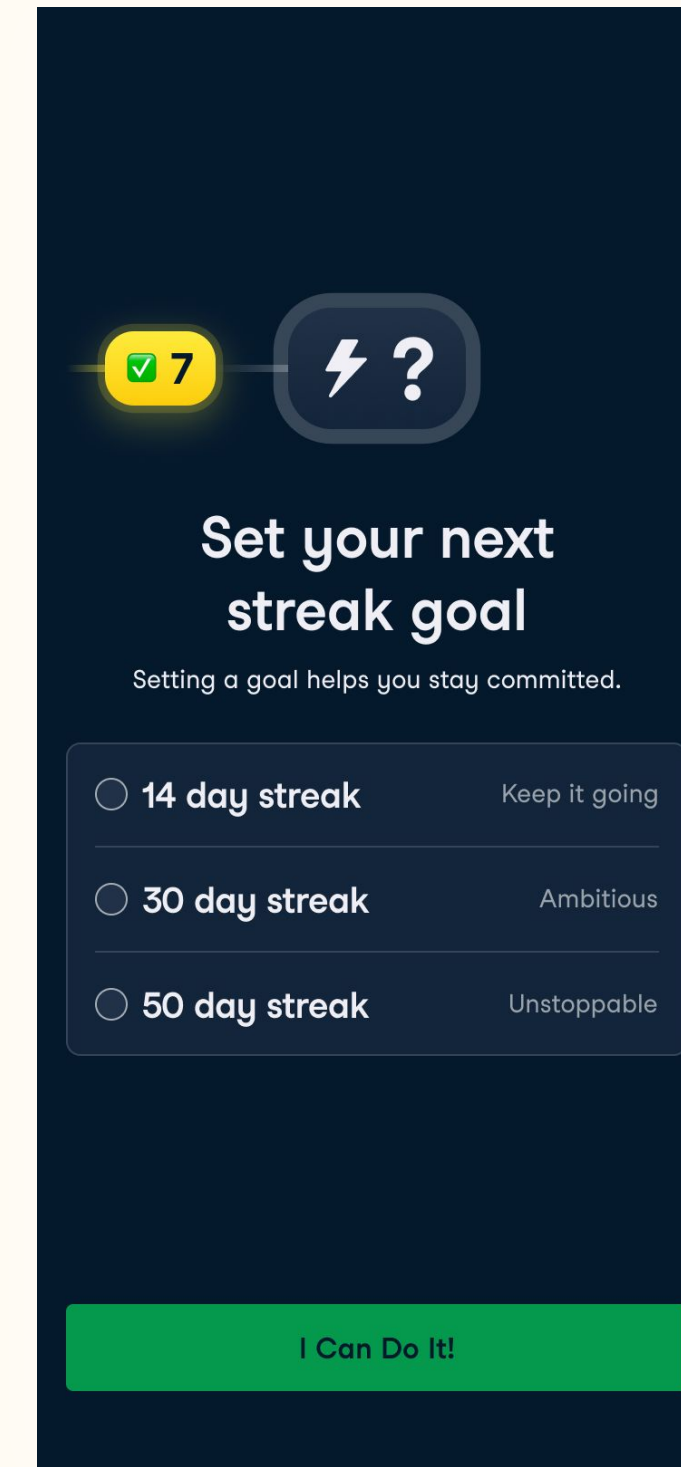
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# Streak improvements

- ✓ Earn Flawless streaks – whole weeks of uninterrupted learning.
- ✓ More motivation to keep learning (and a bit more fun!)
- ✓ Set streak goals to help stay committed

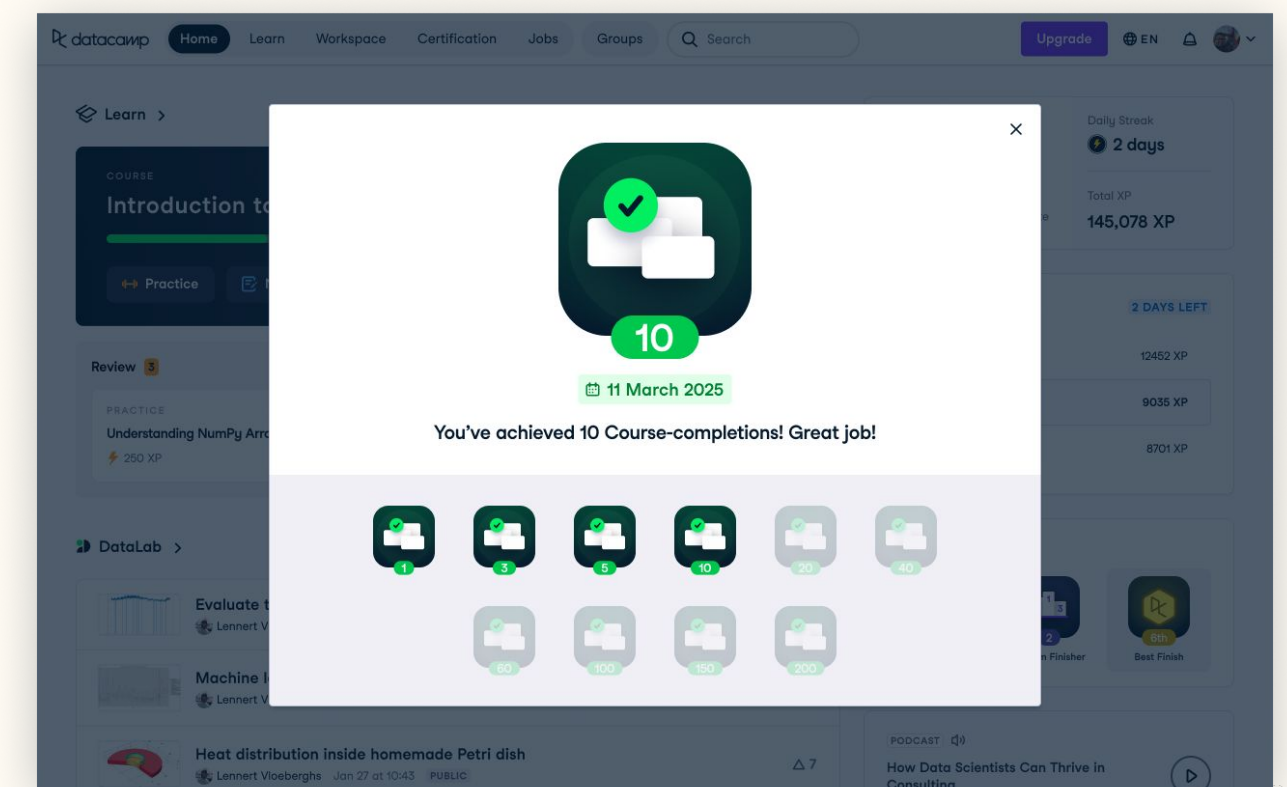
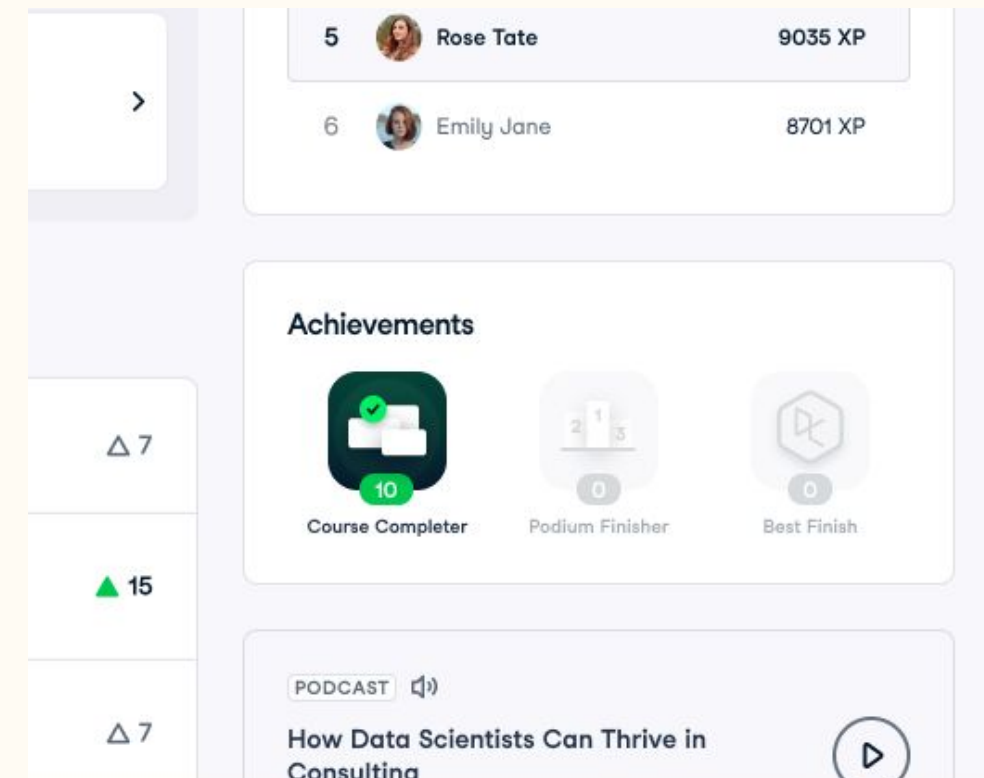
FOR INDIVIDUALS AND BUSINESSES



# Achievements

- ✓ Recognition for various milestones on the platform.
- ✓ Celebrate progress and help with motivation.
- ✓ 3 to start – including 2 relating to leaderboards.

FOR INDIVIDUALS AND BUSINESSES

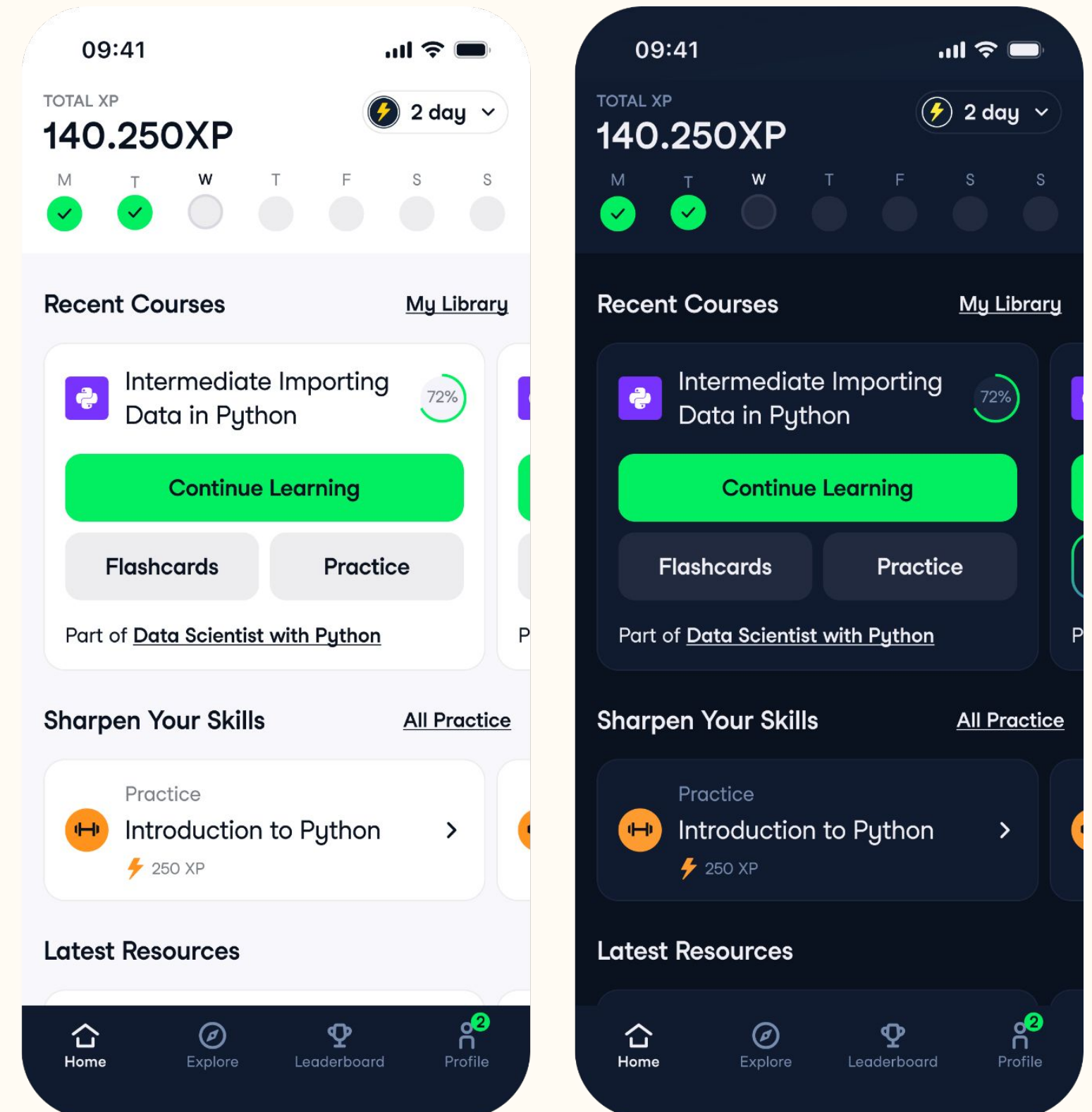




# Mobile app redesign

- ✓ Update the apps look and feel.
- ✓ Restructured, simplified navigation with focus on quick on-to-go activities.
- ✓ Dark mode!

FOR INDIVIDUALS AND BUSINESSES



# DATA CAMP'S MISSION



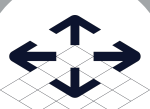
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# Artificial intelligence curriculum

*A deeper and wider AI curriculum*

## New technical AI courses\*

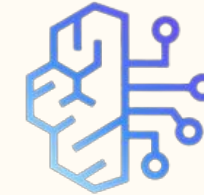
- ✓ Hugging Face Fundamentals Skill Track
- ✓ Introduction to Amazon Bedrock
- ✓ Scalable AI Models with PyTorch Lightning
- ✓ Graph RAG with LangChain and Neo4j
- ✓ Natural Language Processing in Python
- ✓ Multi-Modal Models with Hugging Face
- ✓ Multi-Modal Systems with the OpenAI API
- ✓ Working with DeepSeek in Python

## New technical AI skill tracks

- ✓ Hugging Face Fundamentals Skill Track

*\*Additional AI courses/projects will launch*

FOR INDIVIDUALS AND BUSINESSES



PyTorch Lightning



deepseek

script.py solution.py Light Mode

```
1 # Initilize the bedrock client
2 bedrock = boto3.client(
3     'bedrock-runtime',
4     region_name='us-east-1'
5 )
6
7 request_body = {"prompt": "Human: What is 2+2?\nAssistant:",
8     "max_tokens_to_sample": 500 }
9
10 # Use Anthropic Claude as the model
11 response = bedrock.invoke_model(modelId='anthropic.claude-v2',
12     body=json.dumps(request_body))
13
14 print(json.loads(response['body']).read()['completion'])
```

✎ Explain

Powered by OpenAI



Run Code

Run Solution

IPython Shell

<script.py> output:  
2 + 2 = 4

In [1]:



# Artificial intelligence curriculum

*A deeper and wider AI curriculum*

## New AI courses for functional roles\*

- ✓ Introduction to AI Agents
- ✓ Building Scalable Agentic Systems
- ✓ Optimizing Codebases with Artificial Intelligence
- ✓ Artificial Intelligence for Marketers
- ✓ Artificial Intelligence for Finance
- ✓ And more!

*\*Additional AI courses/projects will launch*

FOR INDIVIDUALS AND BUSINESSES



# Artificial intelligence curriculum

*A deeper and wider AI curriculum*

## New developer oriented lightning courses

*A new course type with notebooks & video side-by-side*

- ✓ Reasoning models with OpenAI
- ✓ LangGraph Multi-Agents
- ✓ Building AI Agents with Google ADK
- ✓ AI Agents with LlamaIndex
- ✓ Experimentation with Weights & Biases
- ✓ Introduction to the Mistral API
- ✓ AI Agents with CrewAI
- ✓ Hugging Face smolagents
- ✓ .. and more!

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Exercise

### Creating a retrieval agent with smolagents

You'll create an LLM-powered agent using Hugging Face's `smolagents` library. You've been provided with an HTML file ( `mg-zs-warnings.html` ) containing documentation on the different car warning light messages in the MG ZS SUV.

Your agent will interpret user queries, determine whether to retrieve information using a retrieval tool, then retrieve the most relevant document chunks.

Instructions

100XP

- Initialize a `RecursiveCharacterTextSplitter` with a chunk size of `1000` and chunk overlap of `200` to make chunks of HTML text.
- Apply the splitter to split the documents into chunks.
- Define the BM25 retriever and pass it the document chunks.
- Configure the agent with `retriever_tool` and the default model from `HfApiModel`.
- Run the agent on the user input query provided.

Take Hint (-30 XP)

File Environment Saving...

```
!pip install smolagents --quiet
!pip install rank_bm25 --quiet
!pip install unstructured --quiet
```

Hidden output

### Preparing the dataset

So that the agent can decide to retrieve information from the car manual, the first step is to load and split the data into chunks.

The `RecursiveCharacterTextSplitter` class iterates over a list of characters in turn, splits the text using the separator, then checks to see if it fulfills the `chunk_size` and `chunk_overlap` provided. If not, it moves on to the next separator until it finds one that does.

```
from langchain_community.document_loaders import UnstructuredHTMLLoader
from langchain.text_splitter import RecursiveCharacterTextSplitter

loader = UnstructuredHTMLLoader(file_path="data/mg-zs-warnings.html")
car_docs = loader.load()

# Initialize RecursiveCharacterTextSplitter to make chunks of HTML text
text_splitter = RecursiveCharacterTextSplitter(chunk_size=1000, chunk_overlap=200)

# Split the documents into chunks
chunks = text_splitter.split_documents(car_docs)
```

Building a Retrieval Tool

↶

▶ Run All

Submit Answer



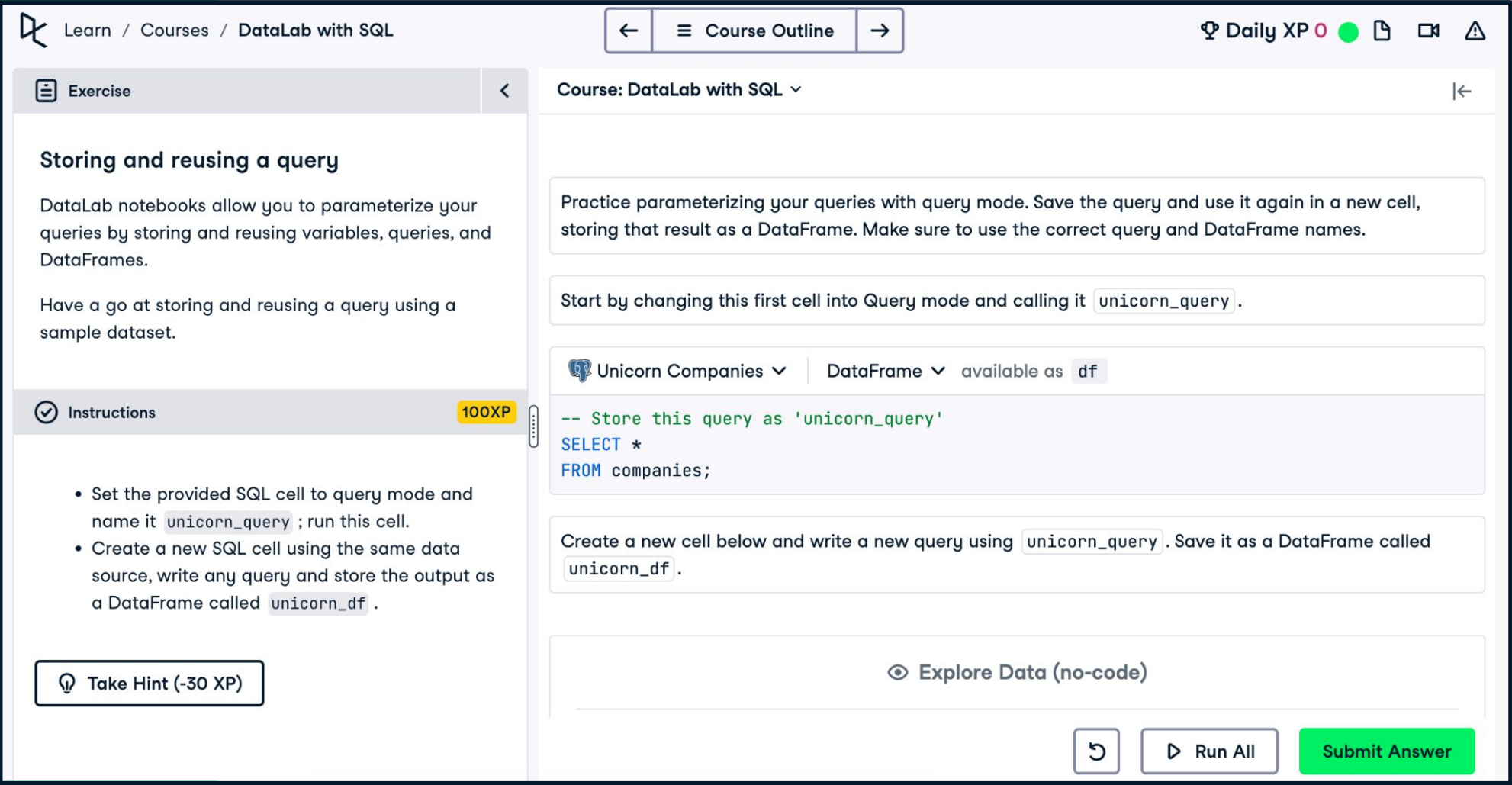
# Data Science Curriculum

## New courses

- ✓ DataLab with SQL
- ✓ Introduction to Polars
- ✓ Natural Language Processing (NLP) in Python

## New projects

- ✓ Data-Driven Decisions with A/B Testing
- ✓ Exploring Stock Market Trends with Plotly



# Data Engineering Curriculum

## New courses

- ✓ Intermediate Java
- ✓ Input/Output and Streams in Java
- ✓ Optimizing Code in Java
- ✓ Data Manipulation in Snowflake

## New track

- ✓ Associate Data Engineer in Snowflake career track

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## TRACK

# Associate Data Engineer in Snowflake

Updated 05/2025

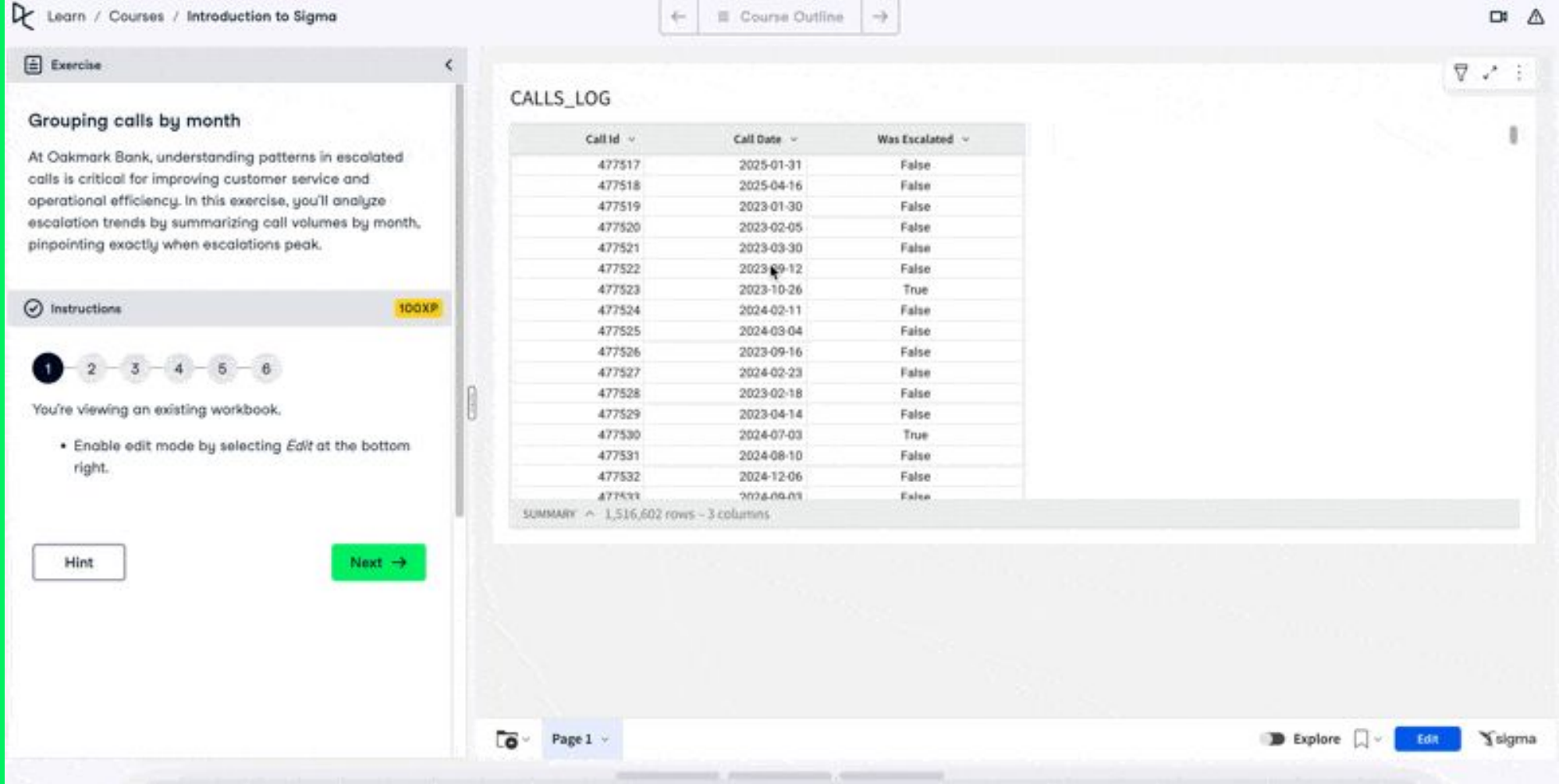
Learn to design, query, and build in Snowflake - mastering Snowflake SQL for transformation and modeling to become a job-ready Data Engineer.





# New Technology: Introduction to Sigma

- ✓ Built with Sigma's own experts
- ✓ Hands-on, interactive learning
- ✓ Meet BI's rising star, no experience needed



FOR INDIVIDUALS AND BUSINESSES

INTERACTIVE COURSE

## Introduction to Sigma

Start Bookmark

Beginner 2 hours 19 videos 46 Exercises

161 participants 3200 XP Updated: Jun 2025

**Description**

Get ready to dive into data with this Intro to Sigma course. You'll learn how to connect to live data sources, create powerful calculations, build pivot tables and charts, and turn insights into stunning, interactive dashboards.

We'll show you how to make dashboards that are not only easy to use, but also easy to share - so you can impress your team and drive smarter decisions. No code, no stress, just hands-on skills to help you turn data into action with confidence and creativity, leveraging Sigma's familiar spreadsheet-like environment.



# AI Engineer for Developers Associate certification

- ✓ With this certification user will demonstrate that they:
  - Possess the foundational skills required to pursue a career as an AI Engineer with a focus on software development.
  - Understand key concepts such as AI models, prompt engineering, solution design and implementation, and core software engineering principles and best practices.

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# DATA CAMP'S MISSION



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# Bulk assign learners to teams

- ✓ You will now be able to replicate all of your organization's teams within Datacamp.
- ✓ You will easily download a file with all of your members and update their team membership.
- ✓ A simple upload will assign and remove members from all relevant teams.

FOR BUSINESSES

## Manage Teams by CSV



Use a CSV file to assign members to teams, un-assign them, or create teams.

### 1 Download CSV Teams List [↓](#)

We recommend to keep the original CSV to quickly revert changes if needed.

### 2 Edit CSV adding team names to assign members to a team, removing team names or leave blank to un-assign members and add new team names to create teams.

### 3 Upload the CSV file to update teams.

Drag the .csv file here or [browse files](#)

[Learn more](#) about managing teams by CSV.

Cancel

Update Teams





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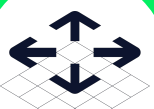
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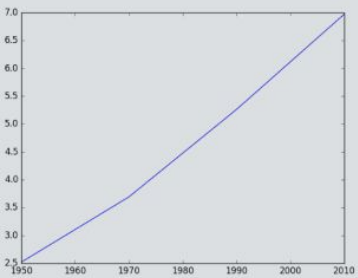
# DataCamp is Available in More Languages

- ✓ Ability to switch audio + transcript language in the video player (selected popular courses)
- ✓ Translated slides (selected popular courses)
- ✓ Added Dutch subtitles to all courses – subtitles are now available in 18 languages
- ✓ Italian and Turkish courses coming soon

FOR INDIVIDUALS AND BUSINESSES

## Matplotlib

```
import matplotlib.pyplot as plt
year = [1950, 1970, 1990, 2010]
pop = [2.519, 3.692, 5.263, 6.972]
plt.plot(year, pop)
plt.show()
```



CAPTIONS

Off  
English ✓  
Arabic  
Chinese Simplified  
Chinese Traditional  
English  
French  
German  
Indonesian  
Italian  
Japanese  
Korean

AUDIO

English ✓  
French  
German

Solo recuerda esto: la función de trazado le dice a Python qué trazar y cómo trazarlo.

▶

↺

↻

-2:17

🔊

⬇

1.25x

CC

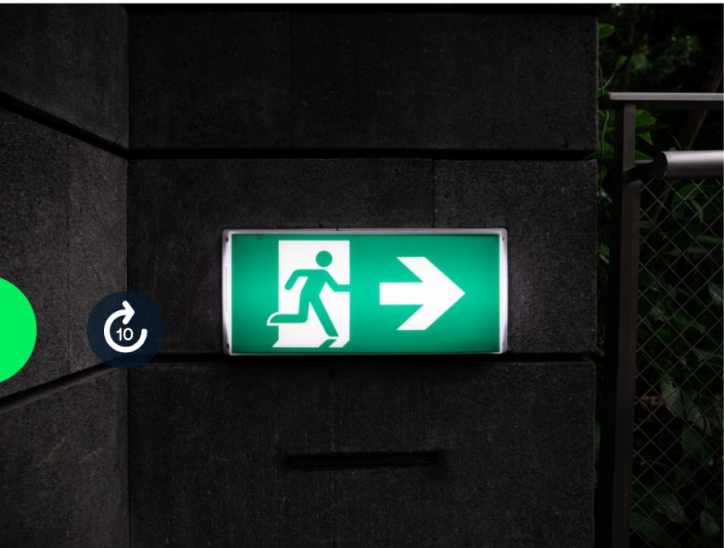
Auto

↗

De los datos a la historia: un estudio de caso 50 XP

## El caso práctico: rotación de clientes

- Problema: la rotación de clientes ha aumentado recientemente. ¿Por qué?
- Análisis de la tasa de abandono de clientes a lo largo del tiempo y sus características
- Próxima tarea: presentar las conclusiones y recomendaciones



Nuestra siguiente tarea es preparar una presentación para la dirección.

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INTRODUCCIÓN A LA ALFABETIZACIÓN EN DATOS

-2:07

⬇

2x

CC

📺



# DATA CAMP'S MISSION



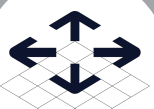
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# Learn by Example

- ✓ Interactive coding experience that enables learners to:
  - Run Python code snippets conveniently in our tutorials and docs
  - Tweak the code without leaving the browser and receive instant feedback
  - Have support through 'AI Explain Code' and 'Fix and Explain' features
- ✓ Accessible for logged-off and logged-in users
- ✓ Supported in both light and dark mode for comfortable viewing

FOR INDIVIDUALS AND BUSINESSES

## Python implicit data type conversion

Implicit conversion or coercion is when data type conversion takes place either during compilation or during run time and is handled directly by Python for you. Let's see an example:

```
1 a_int = 1
2 b_float = 1.0
3 c_sum = a_int + b_float
4 print(c_sum)
5 print(type(c_sum))
```

Run code ▶

⚡ Explain code

POWERED BY  datalab

OUTPUT

```
2.0
<class 'float'>
```

Tip: You can use the `type()` function in Python to check an object's data type.

In the example, an integer value `a_int` was added to a float value `b_float`, and the result was automatically converted to a float data conversion.

```
1 a_int = 1
2 b_float = 1.0
3 c_sum = a_int + b_float
4 print(c_sum)
5 print(type(c_sum)
5 print(type(c_sum))
```

Run code ▶

⚡ Explain code

POWERED BY  datalab

```
Cell In[13], line 5
    print(type(c_sum)
          ^
```

**SyntaxError:** incomplete input

The problem was a missing closing parenthesis `)` in the `print(type(c_sum))` statement. Adding the closing parenthesis fixes the syntax error.

✓ Accept

⊗ Reject



# Commenting on DataLab cells

- ✓ Enables users to add comments on all cell types in DataLab
- ✓ Fosters effective collaboration by allowing feedback, ideas, and questions to be shared where they're most relevant.

data

files

comments

dc-redshift

DataFrames

available as df1

Show Tables

<>

```
SELECT
DATE(registered_at) AS date,
COUNT(*) AS nb_users
FROM views.user_enriched
GROUP BY 1 ORDER BY 1 DESC
```

	org	count
0	datacamp	1258
1	hex	1596
2	deepnote	753
3	kaggle	1258
4	mode	1596
5	metabase	753
6	github	1258
7	collab	1596
8	databricks	753
9	observable	1258
10	nteract	1596

Table

Chart

<< < 1 of 5 > >>

14 rows, showing 10

John Doe

Today, 11:45 AM (edited)

Hey! This is a great introduction.

Write your comment here...

Comment

PRESS ↵ TO SEND



04

# Get started on DataCamp

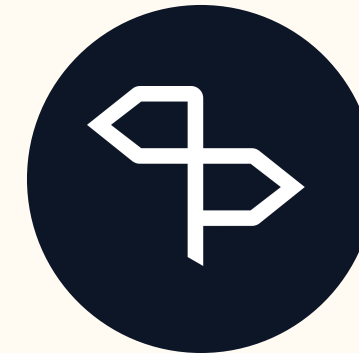


## DATA & AI SKILLS AT

# Allianz

Allianz upskilled 6,000+ employees worldwide using personalized learning paths and projects so their workforce could go from learning data skills to applying them to insurance business use cases—faster.

Source: [DataCamp](#)



### CHALLENGE

- Needed a solution that was cost-effective and scalable
- Had to be able to apply learned skills to insurance use cases



### SOLUTION

- Created 22 learning paths for technology and functional skills
- Built 3 private capstone projects for marketing and claim use cases



### RESULTS

- 19,000 hands-on learning hours across Python, Data literacy, SQL, Power BI, and Spreadsheets
- Grew from a 100-person pilot to +6,000 during the pandemic



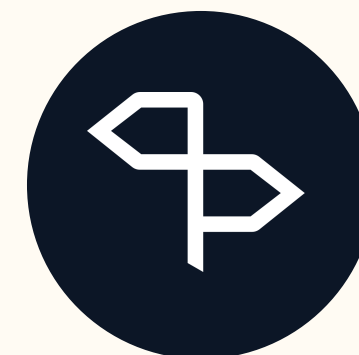
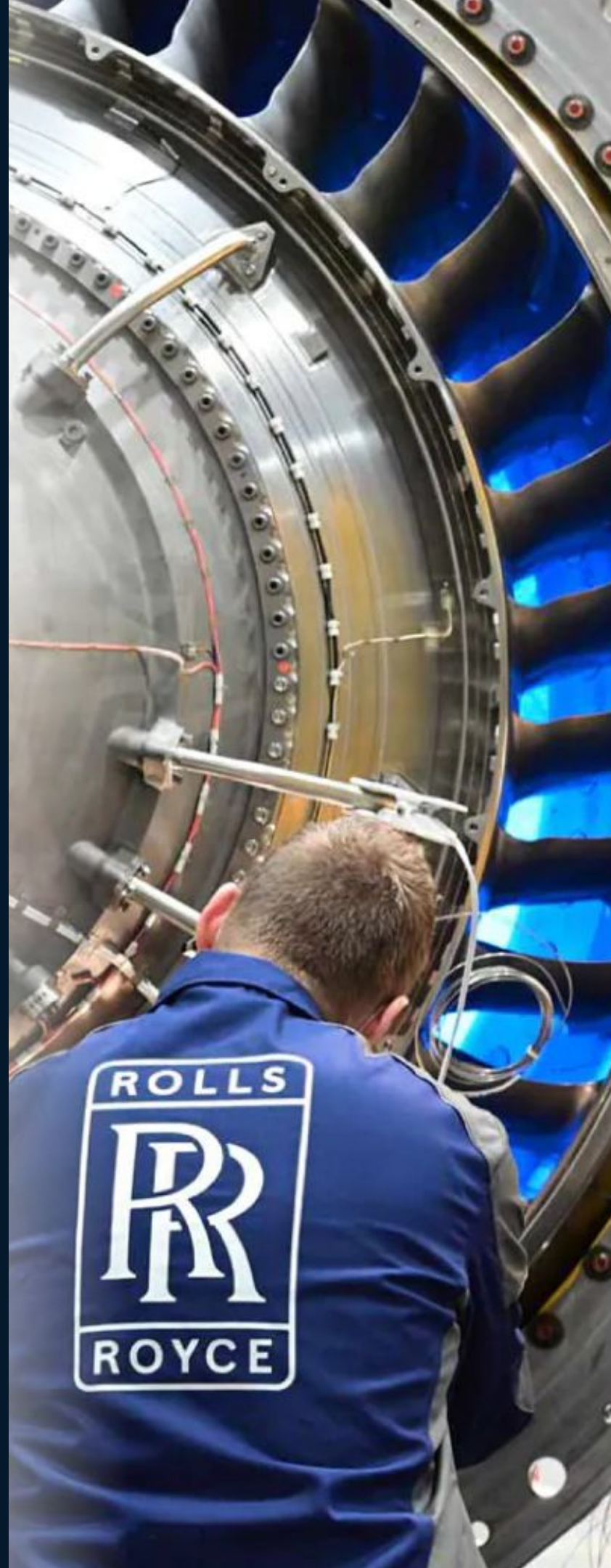


DATA & AI SKILLS AT

# Rolls-Royce

Rolls-Royce's engineering team was able to automate and speed up manual processes by a factor of 100—freeing them up to work on more valuable initiatives.

Source: [DataCamp](#)



## CHALLENGE

- Manual data handling processes were too slow
- No centralized training program



## SOLUTION

- Created custom learning paths for all skill levels and roles, including Python for engineers and a data literacy path



## RESULTS

- 1,500+ hours spent learning
- 100x'ed the speed of their data handling processes
- Launched a data program for technical & non-technical roles

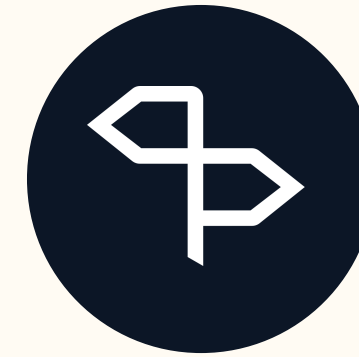




## DATA & AI SKILLS AT

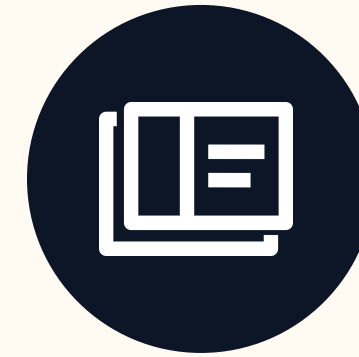
# Colgate-Palmolive

Colgate partnered with DataCamp to upskill 14,000+ employees on data & AI. Program resulted in enhanced data driven decision making, time savings and new technology adoption.



## CHALLENGE

- Staying competitive in the rapidly evolving market
- Upskilling the entire organization in data literacy to enable data-driven decisions



## SOLUTION

- Tailored learning paths to suit audiences from C-suite executives to general employees
- Degreed LMS and SSO integration to enable access at scale



## RESULTS

- 80% of learners reported being able to apply their new skills in real-world settings
- Colgate's unbiased data insights supported the shift from being a supplier to a strategic partner





# How do I **get started** with DataCamp?

## DATA CAMP PREMIUM

Sign up for DataCamp Premium today

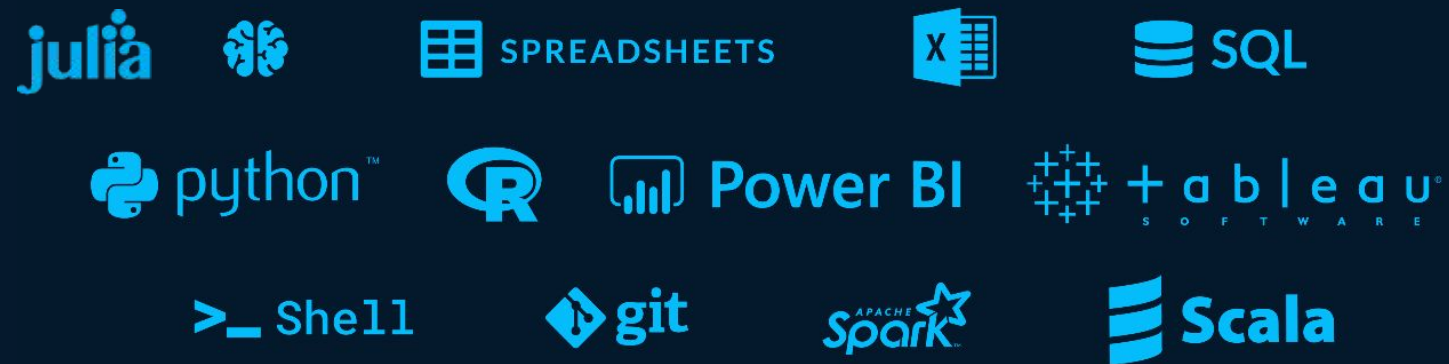
## TRY BEFORE YOU BUY

Register with a free account and try every first chapter for free

## COMPREHENSIVE CAREER GROWTH

Build your data skill set with SQL, Power BI, R, Python courses and more. Get hired as a data professional with our specialized job portal for data roles.

## WHAT YOU GET WITH A DATA CAMP PREMIUM ACCOUNT



.... + Access to DataCamp Workspace, Certifications, Jobs, and more

4.5+ ★★★★★

Average course rating from our community of over 10M learners

12M+

Learners have upskilled using DataCamp





# How do **we get started** with DataCamp?

## FOR SMALL TEAMS

**Less than 50 people**

Sign up for DataCamp Teams today — Get started with your colleagues today

## FOR LARGE TEAMS

**50 people or more**

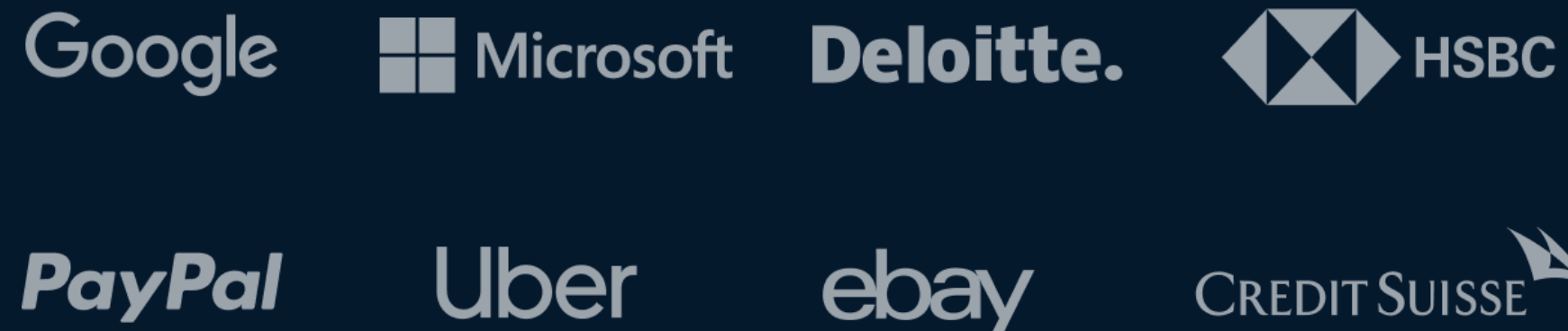
Speak to sales for a bespoke enterprise solutions fit for your organization

## FOR EVERYONE

**All your organization**

Looking to provide unlimited access to **everyone** in your organization? Speak to sales about our unlimited plan

## HOW OUR CUSTOMERS USE DATACAMP FOR BUSINESS



**4.5+** ★★★★★

Average course rating from our community of over 10M learners

**8/10**

Top consulting companies use DataCamp to upskill their team

**190**

Government agencies and nations upskill and innovate using DataCamp







FOR TEAMS  
SPEAK TO SALES

# 05 Q&A



FOR INDIVIDUALS  
GET STARTED

