

Nature Masterclasses On-demand クイックレファレンスガイド（IPアドレス認証） 東北大学様

2025年2月
シュプリンガーネイチャー・ジャパン株式会社

nature
masterclasses

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1

Nature Masterclasses On-demandとは？

Nature Masterclasses On-demandとは？

Nature Masterclasses On-demandは、Natureポートフォリオジャーナルの編集者を含む国際的に著名な研究者・専門家が監修・制作した、研究活動に必要なスキルを学ぶためのオンライントレーニングです。

- すべての研究サイクル、キャリアを通じて研究者をサポートします。
- ご契約機関のすべての教員・学生・職員のみなさまが利用できます。

The screenshot shows the 'naturemasterclasses' website. At the top, there is a navigation bar with a hamburger menu icon, the text 'naturemasterclasses', and 'Log out' and 'My page' buttons. Below the navigation bar is a hero section with a background image of a woman. A dark overlay contains the text 'Home > On-demand Courses' and 'On-demand courses'. Below this is a yellow section with the heading 'Which Nature Masterclasses course should you take?' and a paragraph: 'From designing your experiments to advancing your career, Nature Masterclasses offer on-demand courses that cover the whole research cycle. Take this quiz to find out our top recommendations for you.' A 'Find out more' button is located below the paragraph. At the bottom, there are three columns, each with an icon and text: 1. A ribbon icon with the text 'Grow your research skills, confidence and career'. 2. A group of people icon with the text 'Learn from renowned international experts, including Nature Portfolio journal Editors'. 3. A flask icon with the text 'Find training to support you across the research lifecycle'.

Nature Masterclasses On-demandとは？



Natureポートフォリオジャーナルの編集者を含む国際的に著名な研究者・専門家が監修・制作した高品質のコース



忙しい研究者が自分のペースで学習できるように、細かな単位で設計されたオンデマンド形式



調査データに基づき、研究者のニーズを満たすように設計・開発されたコンテンツ

プレゼンターの例



Magdalena Skipper

Editor in Chief, *Nature* and
Chief Editorial Advisor,
Nature Portfolio



W. John Kao

Chair Professor of
Translational Medical
Engineering, The
University of Hong Kong



David Rueda

Professor and Chair of
Molecular and Cellular
Medicine, Imperial
College London



Paola Quattroni

Alliance Delivery
Manager, Health Data
Research UK



Helen Pearson

Chief Magazine Editor,
Nature, Springer Nature



Peter Gorsuch

Chief Editor and Product
Manager, *Nature
Research Editing Service*,
Springer Nature

Nature Masterclasses On-demand コース一覧

研究サイクル、キャリアの各段階に対応しています。



各コースの詳細については、別資料「Nature Masterclasses On-demandコースの説明」をご参照ください。

2

ユーザー登録とログイン

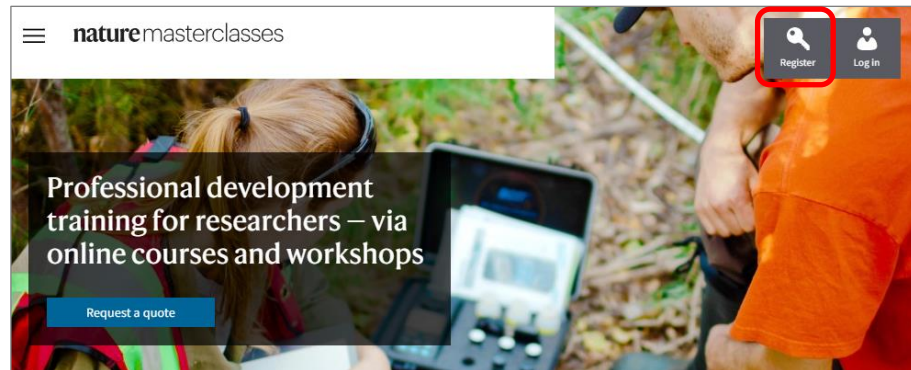
ユーザー登録（1/5）初回のみ

Nature Masterclasses On-demandを利用するためには、最初にユーザー登録が必要です。所属機関の学内ネットワーク（VPN可）からアクセスしていることをご確認ください。

1. サイトにアクセス

<https://masterclasses.nature.com>

2. ページ右上の [Register] を
クリック



ユーザー登録後、所属機関の情報が記憶され、6ヶ月間はどこからでもアクセスできます。
6ヶ月以上キャンパス外にいた場合は、再度所属機関の学内ネットワークからログインし、接続を更新する必要があります。

ユーザー登録 (2/5)

3. [Your institution] のドロップ
ダウンメニューから所属機関を
選択
4. パスワードを2回入力
5. メールアドレスを入力
6. 名、姓、職位、研究分野、国を
入力または選択

Registration

Please type only in English and Latin characters as this form is unable to accept other character types.

* denotes mandatory fields

* Your institution

Tohoku
🔍

Institution not listed

Tohoku University

* Create a password

* Confirm password

* email address

* First name

* Last name

* Job Title

- please select -
▼

* Discipline

- please select -
▼

* Country/Territory

- please select -
▼

Tohoku University を選択

パスワードは10文字以上の
英数字

- 大文字小文字を含むこと
- 記号は使用不可

メールアドレスを入力

- 所属機関のアドレスと
フリーメールのアドレス
のいずれも使用可

First Name (名)

Last Name (姓)

Job Title (職位)

Discipline (研究分野)

Country/Territory (国)

ユーザー登録 (3/6)

7. 利用規約に同意し、プライバシーポリシーを読んだことをチェック
8. ロボットではないことをチェック
9. [Register] をクリック

Already registered? [Login here](#)


By clicking 'register' below, I agree that *Nature Masterclasses* (Springer Nature Ltd) can use my information to communicate with me about the online training courses I undertake. Personal information will be processed in line with the Springer Nature Ltd [privacy policy](#).

* I accept the Terms and Conditions and confirm that I have read the Privacy Policy

[Privacy Policy](#) | [Terms and Conditions](#)

Sign up for Nature Masterclasses Researcher News

Sign up for these occasional emails containing useful content and/or information about tools for researchers from Springer Nature.

I'm not a robot  [Privacy](#) [Terms](#)

We collect and use your personal data to facilitate your request. We won't contact you for anything unrelated to this request. Further information can be found in our [Privacy Policy Page](#) (see the link in the footer of this page).

After clicking 'register', please check your inbox for an email to confirm your registration. The email sender is 'onlineservice@springernature.com'.

Need support?

If you need support with the registration process and know the access type your institution has subscribed to, please find our user guides [here](#). For further assistance, contact [our Support Team](#).

Please type only in English and Latin characters as this form is unable to accept other character types.

ユーザー登録 (4/6)

10. 確認メールが送信されるので、
メールボックスを確認

※ 確認メールが届かない場合は、
[Resend email] をクリック
(迷惑メールのフォルダも
ご確認ください)

✓ ACTION REQUIRED
Please check your inbox to complete your registration. ✕

We need to make sure that the email address you provided belongs to you.


To confirm your email address you need to:

1. Find our confirmation email in your inbox.
2. Click the link in the confirmation email.

Didn't get a confirmation email?
Please also check your spam, junk or "unwanted" folder.

Didn't find our confirmation email?
Have the message sent to you again.

Please note: the message will be sent to the email address you provided when registering.

I'm not a robot  [Resend email](#)

We collect and use your personal data to facilitate your request. We won't contact you for anything unrelated to this request. Further information can be found in our [Privacy Policy Page](#) (see the link in the footer of this page).

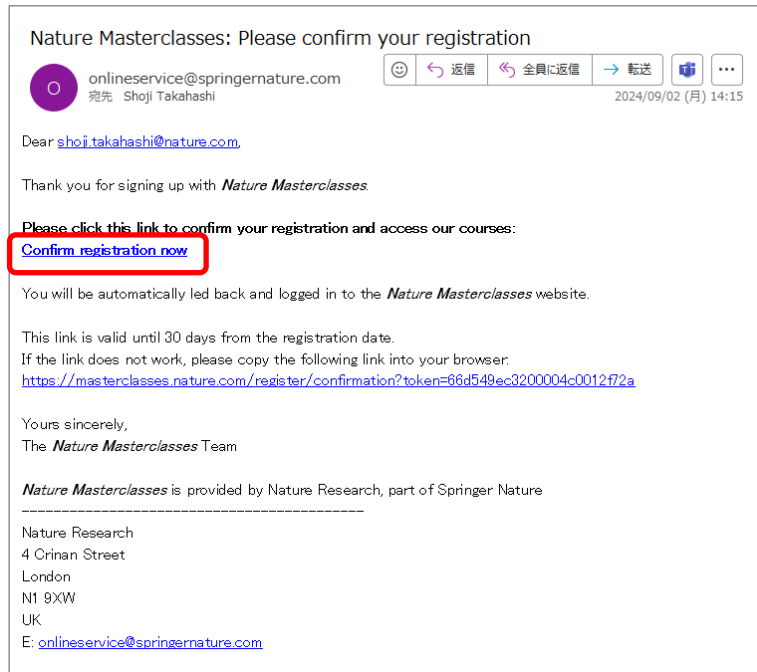
Another problem?

Can't access the email address you provided?
If you can no longer access the e-mail address that is stored in our system, please contact our [customer service](#).

Are you stuck?
Please contact our customer service, we will be happy to help you.
[Customer Service](#).

ユーザー登録 (5/6)

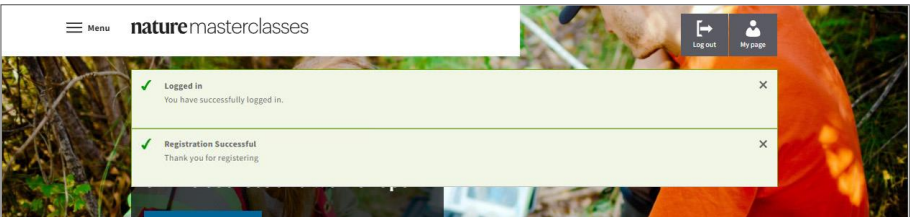
11. 確認メールを開き、 [Confirm registration now] の リンクをクリック



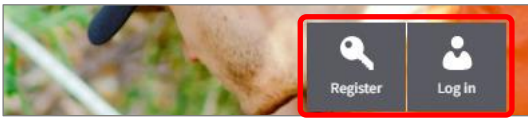
ユーザー登録 (6/6)

12. Nature Masterclassesにリダイレクトされ、自動的にログイン

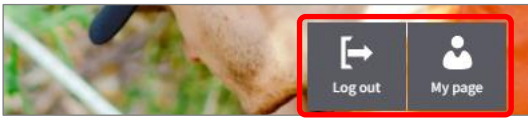
これでユーザー登録は完了です。



ログイン前のアイコン

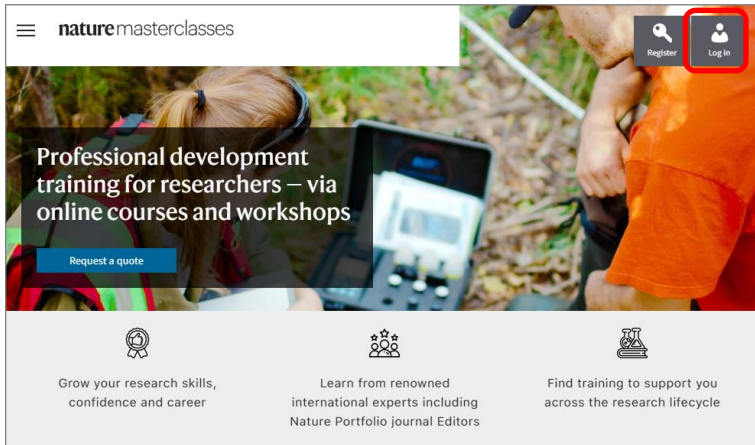


ログイン後のアイコン



ログイン 2回目以降

1. ページ右上の [Log in] をクリック
2. メールアドレスとパスワードを入力
3. [Log in] をクリック



Log in

Regular login
If you have registered on this site.

Email address*

Password*

[Forgot your password?](#)

Remember Me

Log in

Institutional login
(single sign on)

If your institution provides access to Nature Masterclasses via its own login system.

[Select your institution](#)

Not registered yet?

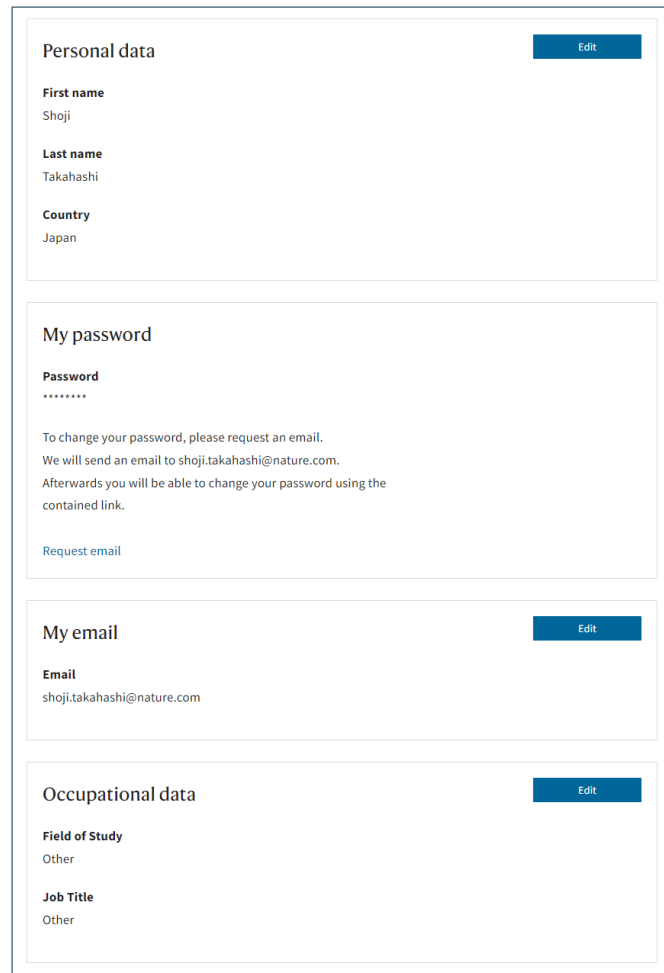
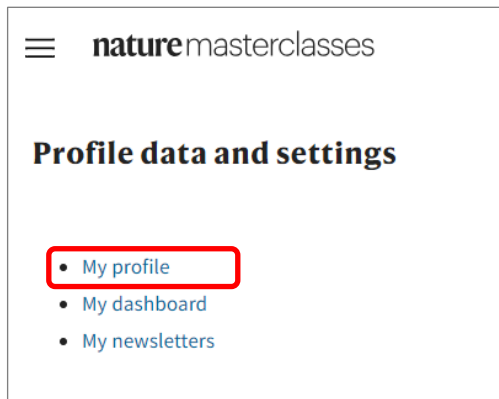
Better informed professionals make better decisions. The bundled expertise from all specialist areas supports you in keeping an eye on new developments in your field and being able to offer the best possible solutions.

[» Create new account](#)

パスワードを忘れた場合は、[Forgot your password?](#)をクリックし、パスワードをリセットしてください。

登録情報の確認/変更

登録情報の確認/変更は、[My page]
> [My profile]で行うことができます。

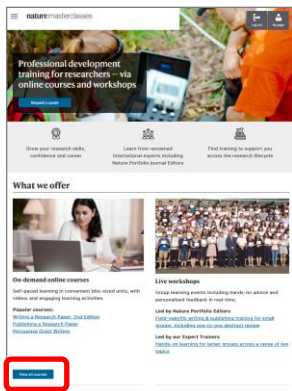


3

コースの利用方法

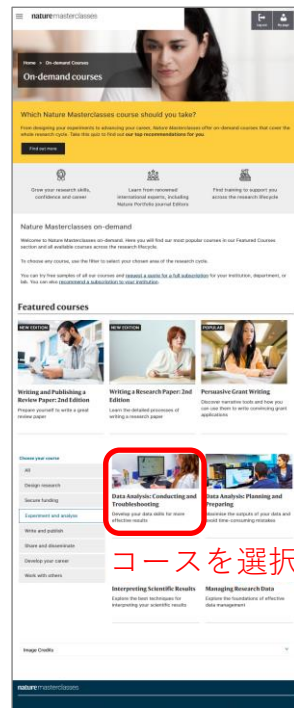
Nature Masterclasses On-demandのナビゲーション

Nature Masterclasses
トップページ



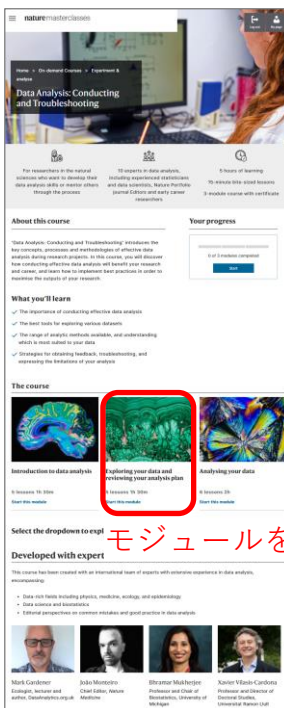
Nature
Masterclasses
On-demandを選択

Nature Masterclasses
On-demandホームページ
(コース一覧)



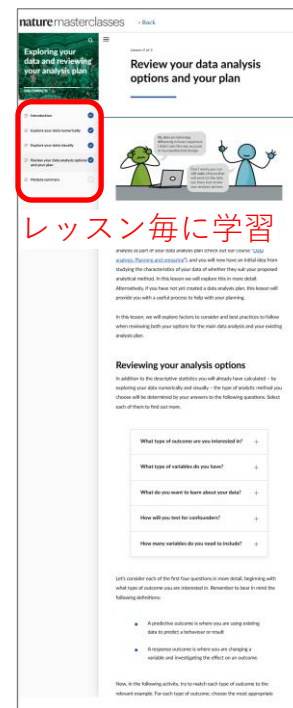
コースを選択

コースのホームページ
(モジュール一覧)



モジュールを選択

モジュールのページ
(複数レッスン)

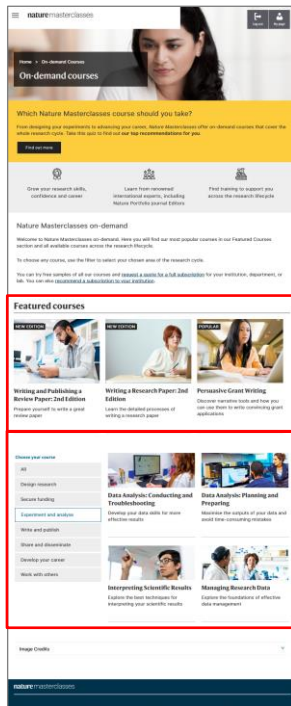


レッスン毎に学習



Nature Masterclasses On-demandホームページ（コース一覧）


Nature Masterclasses On-demandホームページからコースを選択します。



注目コースから選択

Featured courses


NEW EDITION



Writing and Publishing a Review Paper: 2nd Edition

Prepare yourself to write a great review paper


NEW EDITION



Writing a Research Paper: 2nd Edition

Learn the detailed processes of writing a research paper

POPULAR




Persuasive Grant Writing

Discover narrative tools and how you can use them to write convincing grant applications

研究サイクル別コース一覧から選択


Choose your course

- All
- Design research
- Secure funding
- Experiment and analyse
- Write and publish
- Share and disseminate
- Develop your career
- Work with others




Data Analysis: Conducting and Troubleshooting

Develop your data skills for more effective results




Data Analysis: Planning and Preparing

Maximise the outputs of your data and avoid time-consuming mistakes



Interpreting Scientific Results

Explore the best techniques for interpreting your scientific results



Managing Research Data

Explore the foundations of effective data management

Nature Masterclasses On-demandホームページをブックマークすることをおすすめします。

<https://masterclasses.nature.com/catalogue>

コースのホームページ（モジュール一覧）

コースは1つまたは複数のモジュールで構成されています。
コースのホームページからモジュールを選択して学習を開始します。

The screenshot shows the course homepage with a navigation menu at the top. The main content area includes a title, a brief description, and a 'Your progress' section. Below this, there is a 'What you'll learn' section with bullet points. The 'The course' section is highlighted with a red box and contains three module cards: 'Introduction to data analysis', 'Exploring your data and reviewing your analysis plan', and 'Analysing your data'. A red box also highlights the 'Start this module' button for the second module. At the bottom, there is a section for 'Developed with expert academics, professionals and editors' with four profile pictures.

モジュール一覧から選択

This view shows the 'The course' section with three module cards. The second card, 'Exploring your data and reviewing your analysis plan', is highlighted with a red box around its 'Start this module' button. Below the module cards, there is a dropdown menu to explore an overview of the content for each module. The first module, 'Introduction to data analysis', is expanded to show a list of key concepts: 'Key concepts in data analysis', 'Why is effective data analysis important?', and 'Challenges in data analysis'.

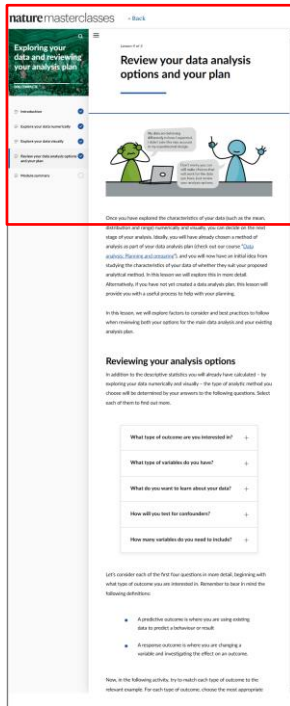
上位ページへのナビゲーション

The screenshot shows the navigation menu at the top of the course homepage. The menu items are 'Home', 'On-demand Courses', and 'Experiment & analyse'. The 'On-demand Courses' item is highlighted with a red box. Below the navigation menu, there is a large banner for the course 'Data Analysis: Conducting and Troubleshooting'.

モジュールのページ（複数レッスン）

モジュールは細かく分割された複数のレッスンで構成されます。
各レッスンは、テキスト、ビデオ、アクティビティなどで構成されています。

左パネルで進捗状況を確認



nature masterclasses > Back

Lesson 4 of 5

Review your data analysis options and your plan

Introduction

- Explore your data numerically
- Explore your data visually
- Review your data analysis options and your plan
- Module summary

Once you have explored the characteristics of your data (such as the mean, distribution and range) numerically and visually, you can decide on the next stage of your analysis. Ideally, you will have already chosen a method of analysis as part of your data analysis plan (check out our course 'Data analysis: Deciding on a method'). Now we will see how we decide on how to study the characteristics of your data to whether they suit your proposed analysis method. In this lesson we will explore this in more detail. Alternatively, if you have not yet created a data analysis plan, this lesson will provide you with a useful process to help with your planning.

In this lesson, we will explore factors to consider and practical actions to follow when choosing both your options for the main data analysis and your meeting analysis data.

Reviewing your analysis options

In addition to the descriptive statistics you will already have calculated - the numbers on data themselves are usually - the type of analysis method you choose will be determined by your answers to the following questions. Select each of them to find out more.

What type of outcome are you interested in? +

What type of variables do you have? +

What do you want to learn about your data? +

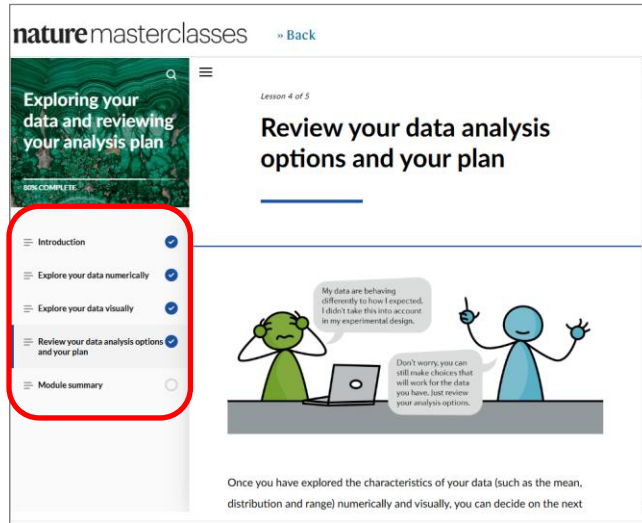
How will you test for confidence? +

How many variables do you need to include? +

Let's consider each of the first four questions in more detail. Together with what type of outcome you are interested in, remember to bear in mind the following definitions:

- A **predictive outcome** is where you are using existing data to predict a behaviour or result.
- A **response outcome** is where you are changing a variable and investigating the effect on an outcome.

Now, in the following article, try to match each type of outcome to the relevant example. For each type of outcome, choose the most appropriate



nature masterclasses > Back

Lesson 4 of 5

Review your data analysis options and your plan

100% COMPLETE

- Introduction
- Explore your data numerically
- Explore your data visually
- Review your data analysis options and your plan
- Module summary

My data are behaving differently to how I expected. I didn't take this into account in my experimental design.

Don't worry, you can still make choices that will work for the data you have. Just revise your analysis options.

Once you have explored the characteristics of your data (such as the mean, distribution and range) numerically and visually, you can decide on the next

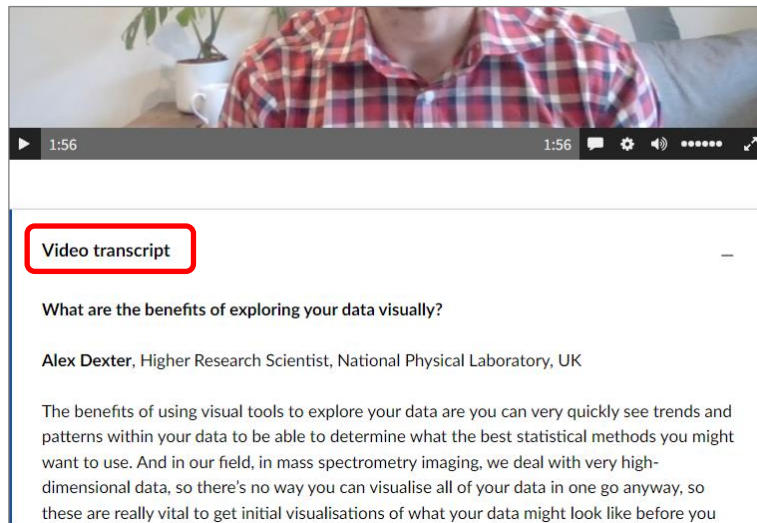
ビデオの字幕とトランスクリプトを表示

すべてのビデオには字幕とトランスクリプトが用意されています。

字幕メニューからEnglishを選択



ビデオ下の [Video transcript] を選択




進捗状況のトラッキング (1/2)

各コースの進捗状況は、各コースのYour progress欄で確認することができます。全モジュールを完了すると、認定書 (Certificate) をダウンロードできます。

About this course

'Advancing Your Scientific Presentations' teaches you how to create more memorable and engaging presentations to your scientific peers. In the course, you will discover how you can develop your research story - the foundation of your presentation - using narrative tools, how to build a slide deck that supports and enhances your presentation, and how to prepare to deliver your presentation on the day.

Your progress 進行中のコース



1 of 4 modules completed

Resume


About this course

Being easily found and contacted online by different stakeholders such as journal editors, industry professionals, journalists and fellow researchers is crucial in fostering collaborations and advancing your career.

This microlearning course aims to equip you with the essential skills to build and optimise your online researcher profile(s).

You will learn how to choose the right websites and platforms to

Your progress 完了したコース



All modules completed
Course finished

Download course certificate

認定書をダウンロード



nature
masterclasses
18 September 2024

Certificate of Course Completion 認定書

This is to certify that
Shoji Takahashi
has successfully completed
Building a strong online researcher profile
A Nature Masterclasses online course



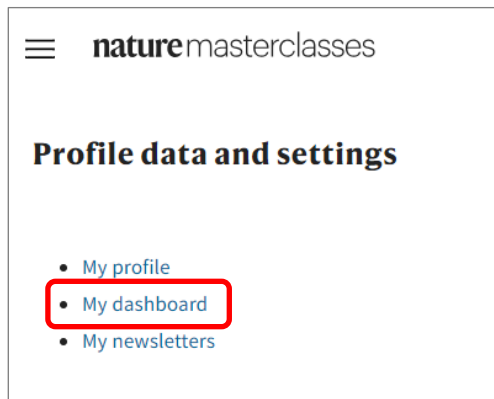


Magdalena Skipper, PhD
Editor-in-Chief, Nature
Chief Editorial Advisor, Nature Research

SPRINGER NATURE

進捗状況のトラッキング (2/2)

[My profile] > [My dashboard] で全コースの進捗状況をまとめて確認できます。完了したコースの認定書 (Certificates) をダウンロードできます。



Courses in progress 進行中のコース

Started | 30-09-2019
Advancing your Scientific Presentations
 Completed modules: 1 of 4

25%

Continue

Courses completed 完了したコース

Completed
Building a strong online researcher profile
 Completed
 Finished on: 18-09-2024

100%

Certificates 認定書をダウンロード

Building a strong online researcher profile
 Finished on: 18-09-2024

Download



nature masterclasses 18 September 2024

Certificate of Course Completion **認定書**

This is to certify that
Shoji Takahashi
 has successfully completed
Building a strong online researcher profile
 A Nature Masterclasses online course

1 hour learning
 nature masterclasses
 CERTIFICATION

Magdalena Skipper
 Magdalena Skipper, PhD
 Editor-in-Chief, Nature
 Chief Editorial Advisor, Nature Research

SPRINGER NATURE

4

ヘルプ、FAQ

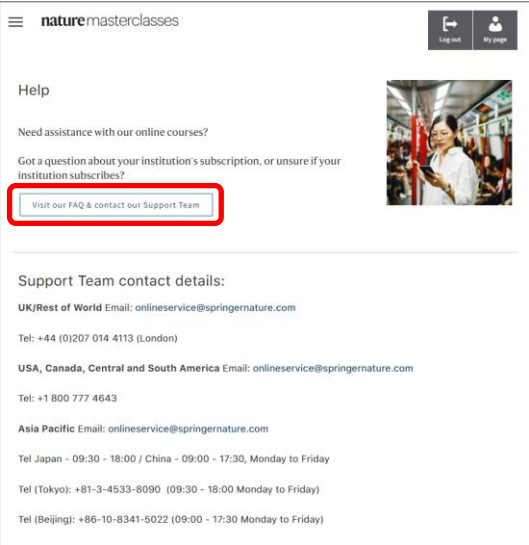
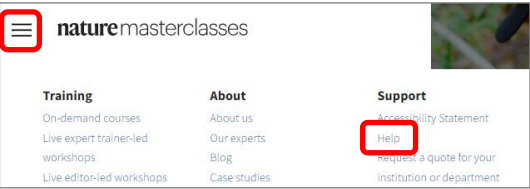
ヘルプ、FAQ

技術的な問題が発生した場合は、まずはFAQをご覧ください。
問題が解決しない場合は、カスタマーサービスにご連絡ください。

メニューから [Help] を選択

カスタマーサービス

FAQ（日本語・英語）



カスタマーサービス
（日本語・英語に対応）
Email: onlineservice@springernature.com
Tel: 03-4533-8090