

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. The header includes a navigation menu, the site name, and 'Log out' and 'My page' buttons. The main content area features a breadcrumb trail 'Home > On-demand Courses' and a title 'On-demand courses'. Below this is a yellow banner with the text 'Which Nature Masterclasses course should you take?' and a subtext: '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 at the bottom of the banner. The footer contains three columns of text with icons: 'Grow your research skills, confidence and career' (with a ribbon icon), 'Learn from renowned international experts, including Nature Portfolio journal Editors' (with a group of people icon), and 'Find training to support you across the research lifecycle' (with a flask icon).

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

研究サイクルの各段階に対応しています。

Design Research	Secure Funding	Experiment and Analyse	Write and Publish	Share and Disseminate	Develop your Career	Work with Others
Experiments: From Idea to Design	Finding Funding Opportunities	Data Analysis: Planning and Preparing	Writing a Research Paper: 2nd Edition 2024年1月更新	Advancing your Scientific Presentations	Building a Strong Online Researcher Profile 2024年6月リリース	Introduction to Collaboration
	Persuasive Grant Writing	Data Analysis: Conducting and Troubleshooting	Publishing a Research Paper: 2nd Edition 2024年11月更新	Creating Successful Research Posters	Getting an Academic Research Position	Participating in a Collaboration
		Interpreting Scientific Results	Writing and Publishing a Review Paper: 2nd Edition 2024年10月更新	Effective Science Communication		Leading a Collaboration
		Managing Research Data	Focus on Peer Review	Narrative Tools for Researchers		Networking for Researchers
			Research Integrity: Publication Ethics	Maximising the Impact of your Paper 2025年2月リリース		

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。

Nature Masterclasses On-demand コース一覧

モジュール数 / 必要時間 / キャリアステージ別

	コース	モジュール数	必要時間	修士・博士課程学生	ポスドク・教員
Design Research	Experiments: From Idea to Design	4	8.5	✓	
Secure Funding	Finding Funding Opportunities	1	3.5		✓
	Persuasive Grant Writing	3	7.5		✓
Experiment and Analyse	Data Analysis: Planning and Preparing	2	4.0	✓	
	Data Analysis: Conducting and Troubleshooting	3	5.0	✓	
	Interpreting Scientific Results	1	3.5	✓	
	Managing Research Data	4	10.0	✓	
Write and Publish	Writing a Research Paper: 2nd Edition	5	4.5	✓	✓
	Publishing a Research Paper: 2nd Edition	2	6.0	✓	✓
	Writing and Publishing a Review Paper: 2nd Edition	17*	4.0		✓
	Focus on Peer Review	4	3.5		✓
	Research Integrity: Publication Ethics	3	8.0		✓
Share and Disseminate	Advancing Your Scientific Presentations	4	10.0		✓
	Creating Successful Research Posters	1	4.5	✓	
	Effective Science Communication	1	6.5		✓
	Narrative Tools for Researchers	3	8.5	✓	✓
	Maximising the Impact of your Paper	8*	1.5		✓
Develop your Career	Building a Strong Online Researcher Profile	5*	1.0	✓	
	Getting an Academic Research Position	4	9.5	✓	✓
Work with Others	Introduction to Collaboration	1	2.5	✓	
	Participating in a Collaboration	1	5.0	✓	✓
	Leading a Collaboration	3	11.5		✓
	Networking for Researchers	4	8.0		✓

* ショートレッスン (マイクロラーニングコース)

2

ユーザー登録とログイン

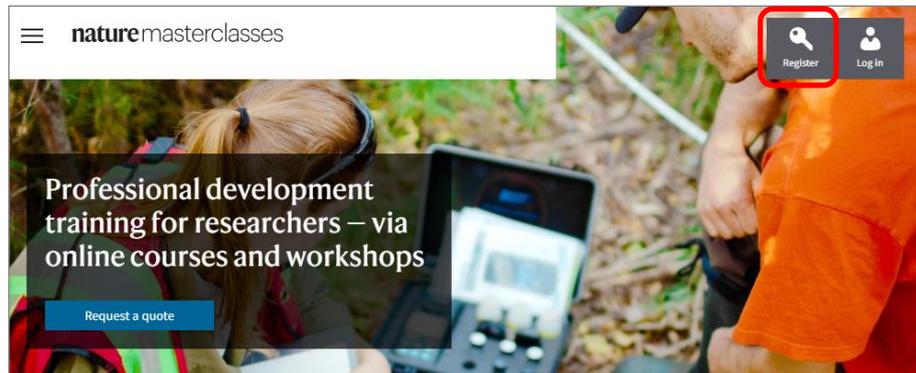
ユーザー登録（1/5）初回のみ

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

🔍

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).

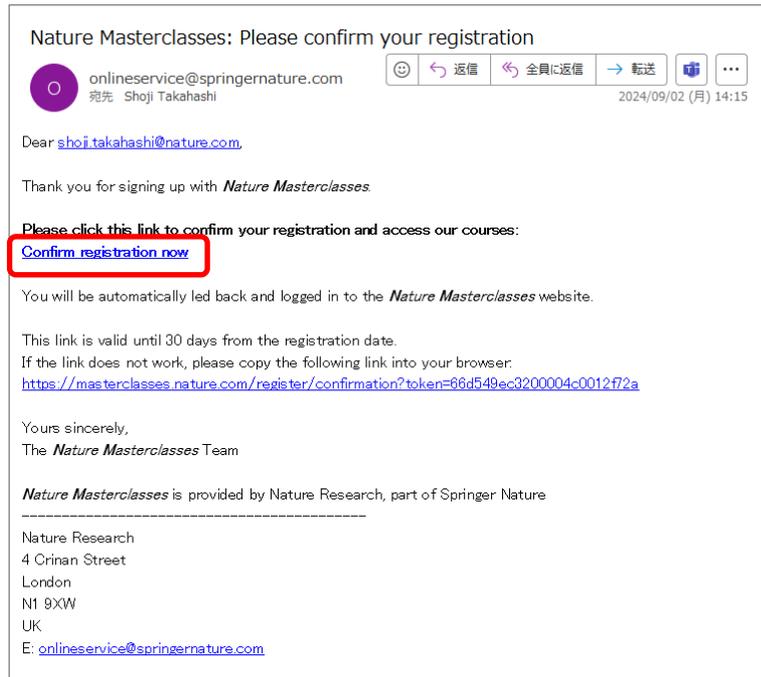
Another problem?

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)

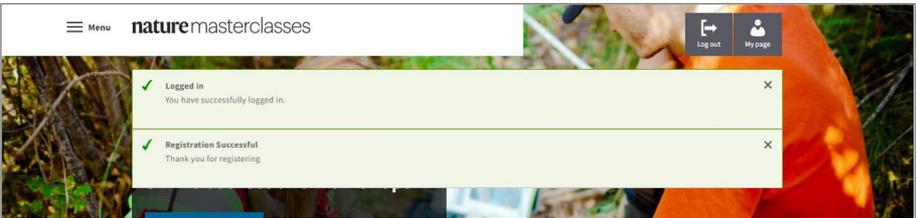
11. 確認メールを開き、
[Confirm registration now] の
リンクをクリック



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

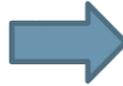
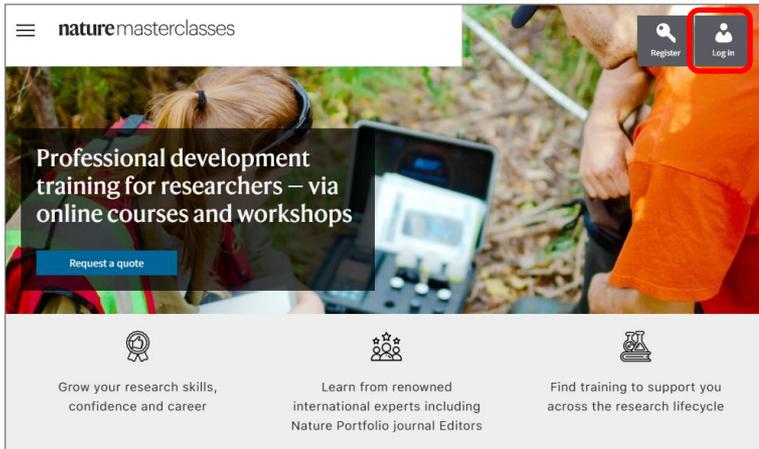


ログイン後のアイコン



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?

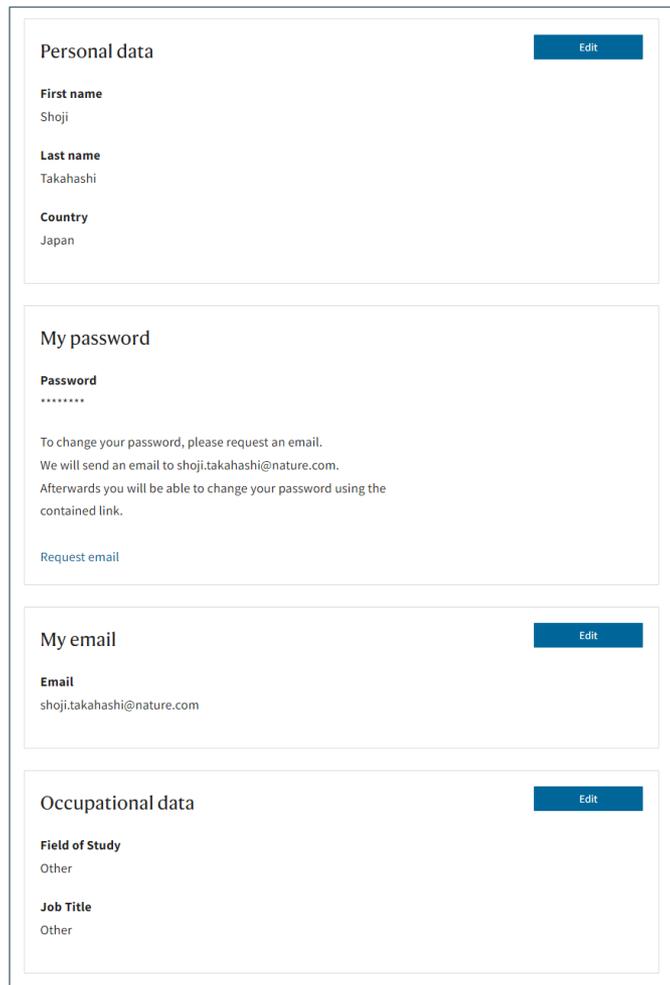
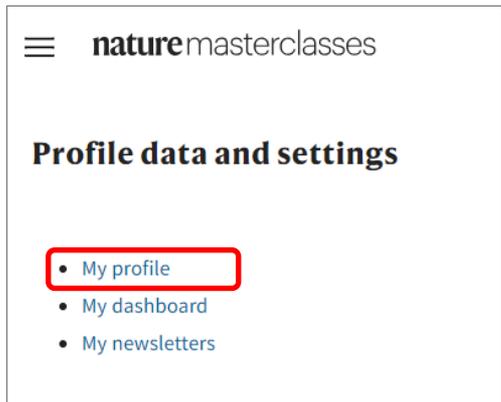
Better informed professionals make better decisions. The bundled expertise from all specialist areas supports you in keeping an eye on new developments in your field and being able to offer the best possible solutions.

[» 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

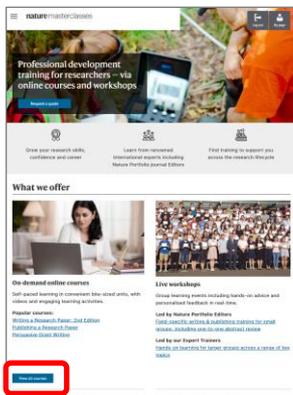
Nature Masterclasses On-demandのナビゲーション

Nature Masterclasses
トップページ

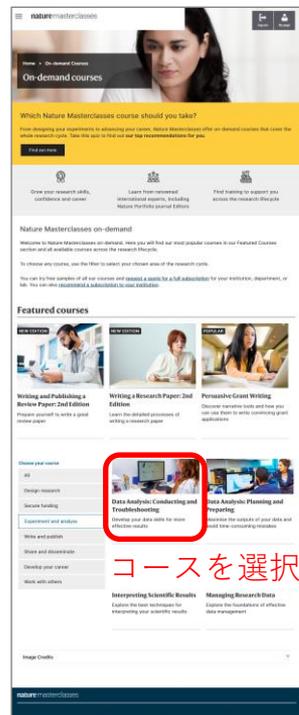
Nature Masterclasses
On-demandホームページ
(コース一覧)

コースのホームページ
(モジュール一覧)

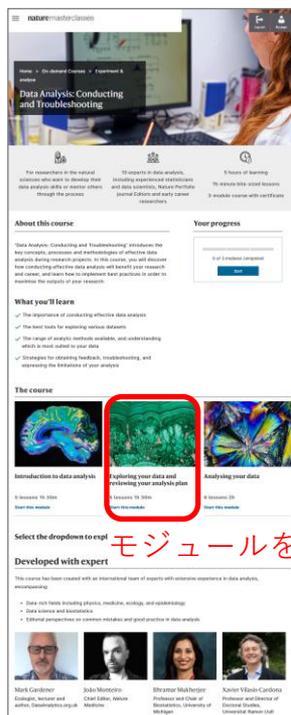
モジュールのページ
(複数レッスン)



Nature
Masterclasses
On-demandを選択



コースを選択



モジュールを選択



レッスン毎に学習



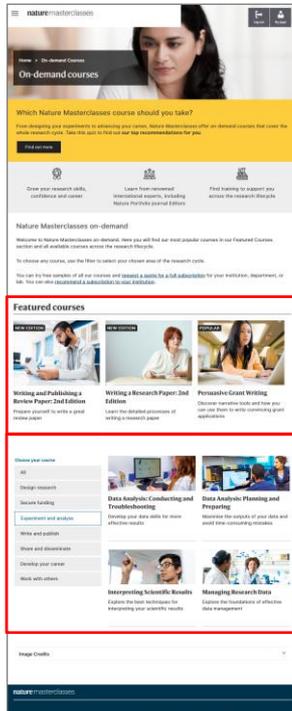
Review your data analysis options and your plan

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?

- 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.

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。

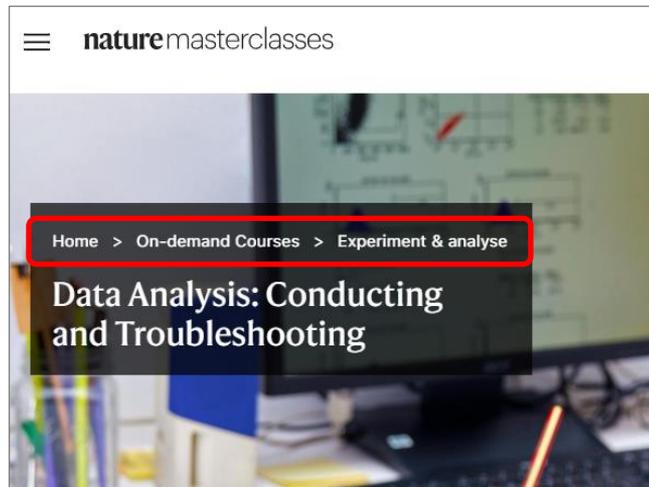
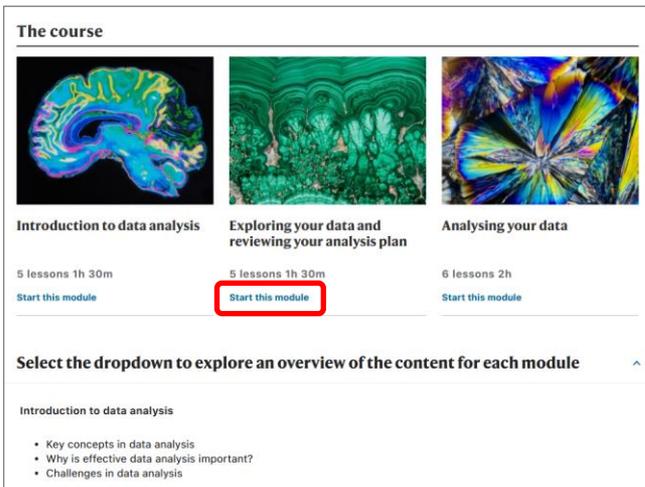
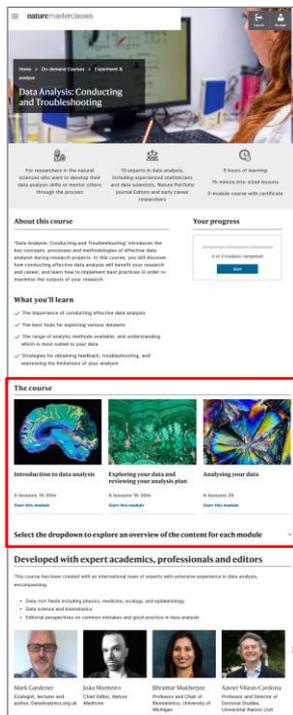
<https://masterclasses.nature.com/catalogue>

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。

モジュール一覧から選択

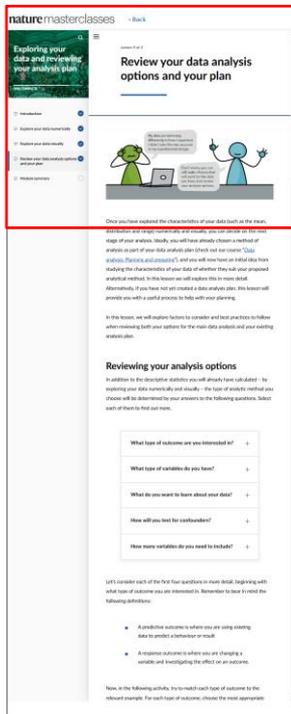
上位ページへのナビゲーション



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

Once you've 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 can decide 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 best practices 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? +

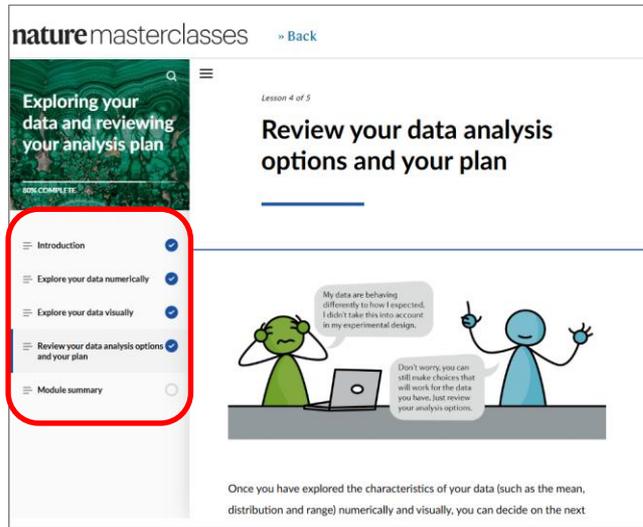
How will you test for confidence? +

How many variables do you need to include? +

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

- A qualitative 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 activity, 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

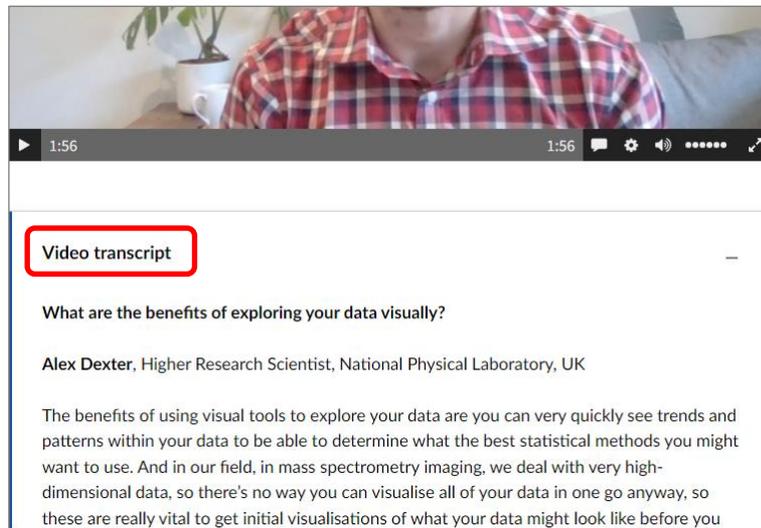
ビデオの字幕とトランスクリプトを表示

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



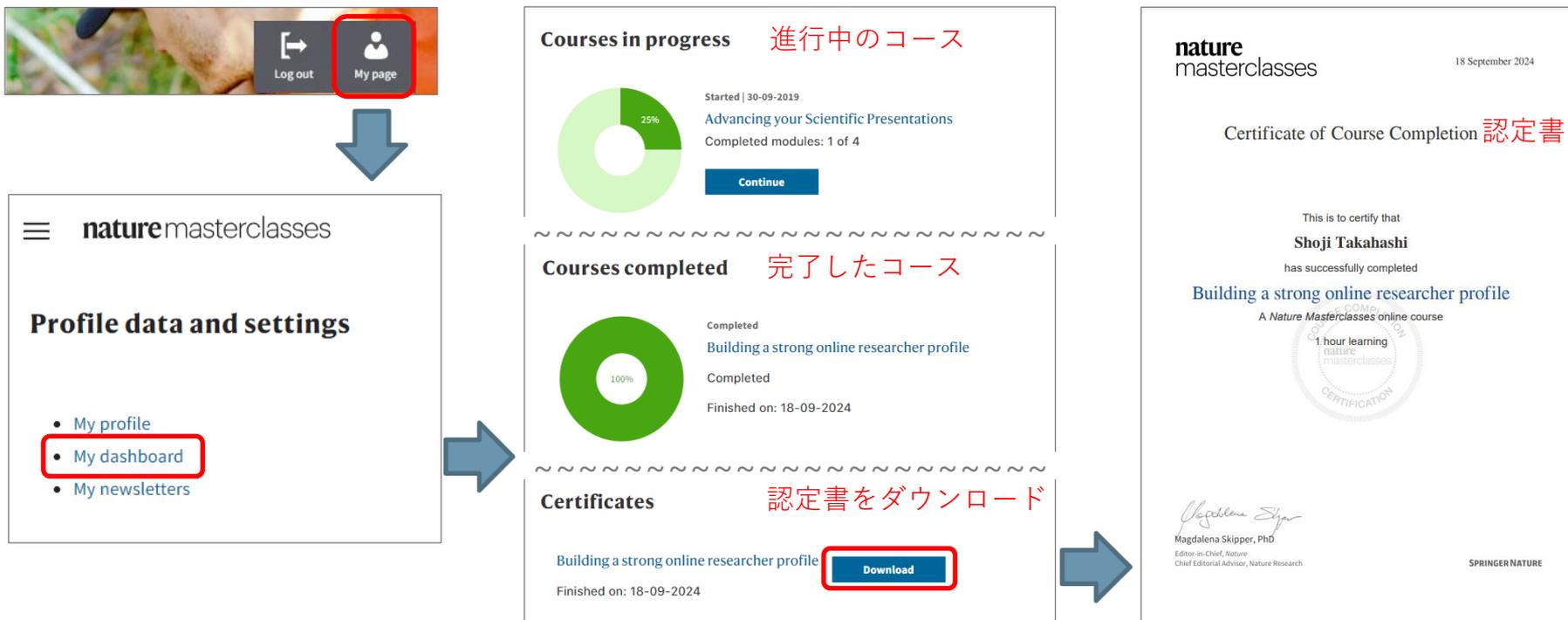


Magdalena Skipper, PhD
Editor-in-Chief, Nature
Chief Editorial Advisor, Nature Research

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。



4

ヘルプ、FAQ

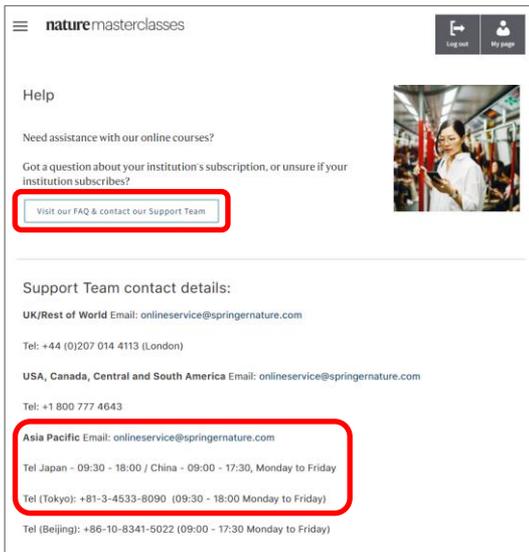
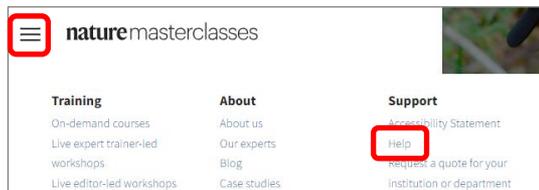
ヘルプ、FAQ

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