

DATA VISUALIZATION

NAVIGATION GUIDE

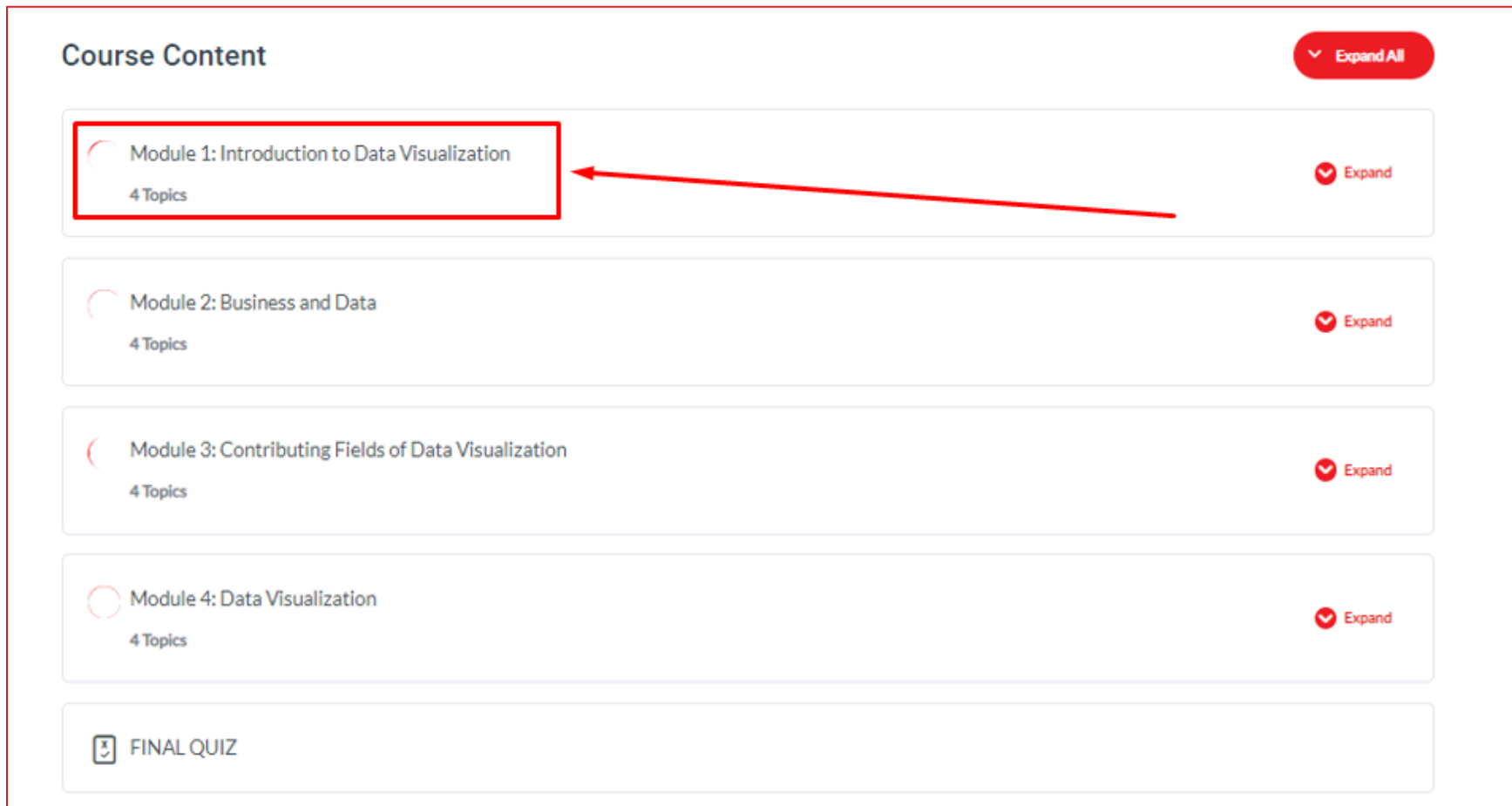
1. After you have purchased [Data Visualization](#) online course, and you are now logged into our learning platform, you will see the following information related to the online course:
 - a. Description of the online course,
 - b. Learning Objectives,
 - c. Course Modules & Duration
 - d. Certification Details, and
 - e. Navigation Guide.

2. In this case, you should scroll down and go to the **Course Content** section. Below is an illustration of how to follow the path to view the modules/topics of this online course.

The screenshot displays the 'Course Content' section of an online course. At the top left, the title 'Course Content' is shown. To the right of the title is a red button with a downward arrow and the text 'Expand All'. Below the title, there are five items listed in a vertical stack, each in a light gray rounded rectangle. The first four items are modules, each with a red circle icon on the left, the module title, '4 Topics' below it, and a red 'Expand' button with a downward arrow on the right. The fifth item is a 'FINAL QUIZ' with a document icon on the left and the text 'FINAL QUIZ' to its right.

Item	Icon	Title	Topics	Action
Module 1	Red circle	Module 1: Introduction to Data Visualization	4 Topics	Expand
Module 2	Red circle	Module 2: Business and Data	4 Topics	Expand
Module 3	Red circle	Module 3: Contributing Fields of Data Visualization	4 Topics	Expand
Module 4	Red circle	Module 4: Data Visualization	4 Topics	Expand
Final Quiz	Document icon	FINAL QUIZ		

3. You should click on **Module 1: Introduction to Data Visualization**. Refer to the image below for more clarification.



The image shows a 'Course Content' section with a list of modules and a final quiz. The first module, 'Module 1: Introduction to Data Visualization', is highlighted with a red rectangular box. A red arrow points from the right side of this box towards the right. In the top right corner of the 'Course Content' area, there is a red button labeled 'Expand All'. Each module entry includes a circular progress indicator, the module title, the number of topics, and an 'Expand' button with a downward arrow icon.

Module	Topics	Action
Module 1: Introduction to Data Visualization	4 Topics	Expand
Module 2: Business and Data	4 Topics	Expand
Module 3: Contributing Fields of Data Visualization	4 Topics	Expand
Module 4: Data Visualization	4 Topics	Expand
FINAL QUIZ		

4. After you have clicked on [Module 1: Introduction to Data Visualization](#) the page below appears on your screen.

The screenshot shows a course interface with a red header and a sidebar. The main content area displays the module title and a list of topics. The sidebar lists three modules, with the first one selected.

Data Visualization

Module 1: Introduction to Data Visualization
4 Topics

- Fundamentals of Data Visualization
- The History of Data Visualization
- The Development of Data Visualization
- The Requirement for Data Visualization

Module 2: Business and Data
4 Topics

Module 3: Contributing Fields of Data Visualization
4 Topics

Module 1: Introduction to Data Visualization

Data Visualization > Module 1: Introduction to Data Visualization **COMPLETE**

Lesson Content

100% COMPLETE | 4/4 Steps

- Fundamentals of Data Visualization
- The History of Data Visualization
- The Development of Data Visualization

5. This is a short description of [Module 1: Introduction to Data Visualization](#). In this case, you should read the content (if any), and scroll down and click on [Fundamentals of Data Visualization](#) to view the first topic of this module.

The screenshot displays a course interface for 'Data Visualization'. On the left, a sidebar lists three modules: 'Module 1: Introduction to Data Visualization' (4 Topics), 'Module 2: Business and Data' (4 Topics), and 'Module 3: Contributing Fields of Data Visualization' (4 Topics). The main content area is titled 'Module 1: Introduction to Data Visualization' and shows a breadcrumb trail 'Data Visualization > Module 1: Introduction to Data Visualization' with a 'COMPLETE' status. Below this, a 'Lesson Content' section is shown with a '100% COMPLETE | 4/4 Steps' indicator. The first topic, 'Fundamentals of Data Visualization', is highlighted with a red box and a red arrow pointing to it. Other topics listed are 'The History of Data Visualization' and 'The Development of Data Visualization'.

6. If you have clicked on [Fundamentals of Data Visualization](#) as instructed, the content below appears. You need to go through the content by reading, memorizing, and scrolling down.

The screenshot shows a course interface with a red header bar containing a menu icon and the text 'Data Visualization'. Below the header is a sidebar with three modules: 'Module 1: Introduction to Data Visualization' (4 Topics), 'Module 2: Business and Data' (4 Topics), and 'Module 3: Contributing Fields of Data Visualization' (4 Topics). The 'Fundamentals of Data Visualization' topic under Module 1 is selected. The main content area features the title 'Fundamentals of Data Visualization' and a breadcrumb trail: 'Data Visualization > Module 1: Introduction to Data Visualization > Fundamentals of Data...'. A red 'COMPLETE' button is visible next to the breadcrumb. The main text begins with: 'The development of network and digital technologies was signified as one of the most important milestones of our modern history that completely revolutionized the traditional means of communication, interaction, and engagement between users worldwide. With the development of the initial concepts of computer technology, the path was set for the digital transformation of societies and industries across the globe. As the scientific and technological developments progressed, the global landscape was shifting towards facilitating the integration of new technologies and solutions that would enhance the capabilities of traditional means of performing tasks and responsibilities. To gain an understanding of the evolution of technology, please refer to'.

7. When you have completed reading and memorizing the topic, you should click on the **Mark Complete** button to complete this particular topic.

The screenshot displays a learning management system interface. On the left is a sidebar with a red header labeled "Data Visualization" and a back arrow. Below the header, the sidebar lists three modules: "Module 1: Introduction to Data Visualization" (4 Topics), "Module 2: Business and Data" (4 Topics), and "Module 3: Contributing Fields of Data Visualization" (4 Topics). The main content area on the right features a video player with the title "TED: Philip Evans: How data will transform business". Below the video, there is a paragraph of text: "Data analysis is one of the most important business processes of the modern era due to the massive volumes of data being produced on a daily basis which can provide meaningful information and actionable insights. The data that is to be analyzed can be represented graphically in various descriptive forms that help the audience comprehend the derived results from that data. This is where the definition of data visualization is derived, where it refers to the graphical representation of data and information with visual elements that enable the audience to better understand the implications that the data and information imply." At the bottom of the page, there are two buttons: "Back to Lesson" and "Mark Complete" (with a checkmark icon). A red arrow points from the "Back to Lesson" text to the "Mark Complete" button, which is also highlighted with a red rectangular box.

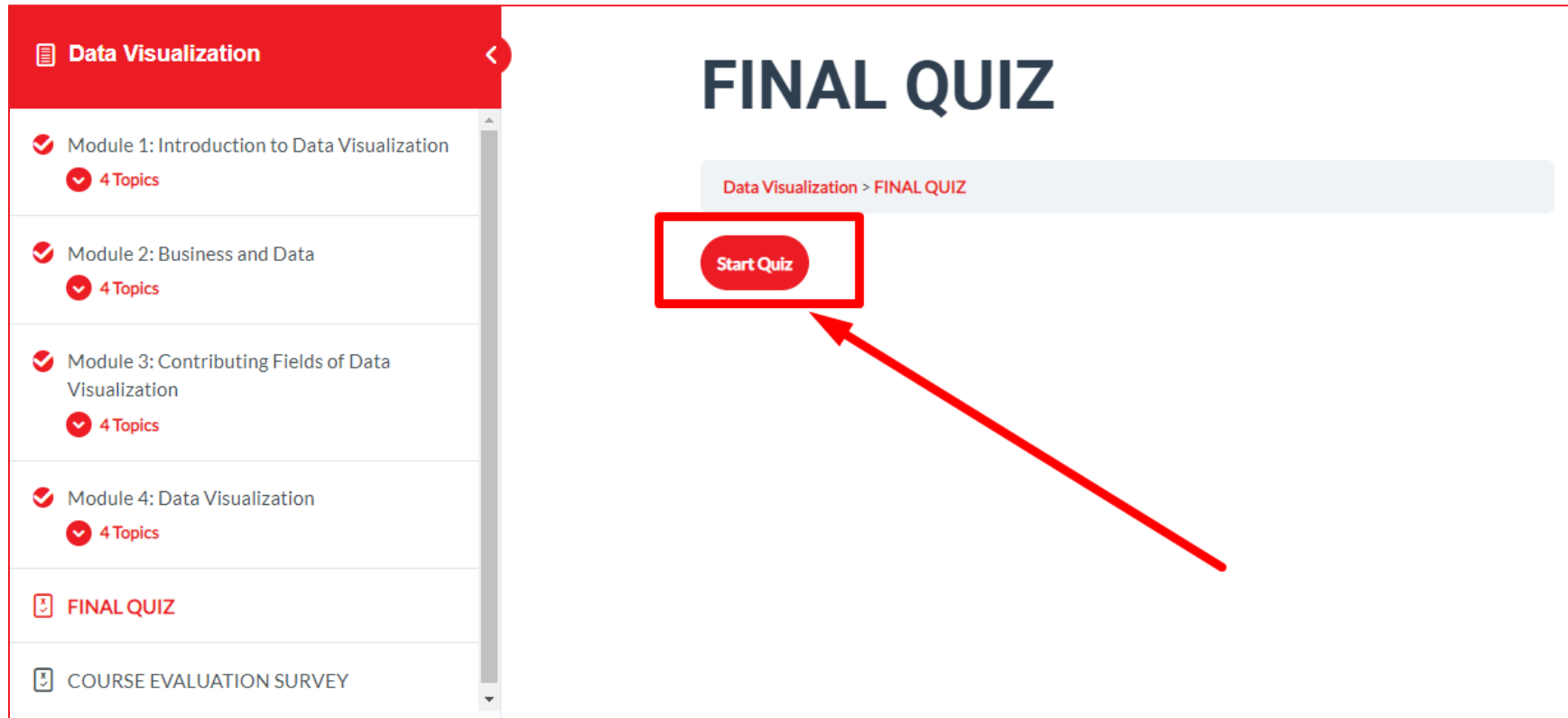
8. To complete the first module that you are already learning, you should click on the **Mark Complete** button – this means that you have completed the first module. You should do this for all the **Modules & Topics** of **Data Visualization** until the last part, which is the **Final Quiz**.

The screenshot displays a course interface with two main panels. The left panel, titled 'Data Visualization', shows a list of modules: 'Module 1: Introduction to Data Visualization' (4 Topics), 'Module 2: Business and Data' (4 Topics), and 'Module 3: Contributing Fields of Data Visualization' (4 Topics). The right panel, titled 'Lesson Content', shows '100% COMPLETE | 4/4 Steps' and lists the same four topics, each with a checkmark icon. At the bottom right of the 'Lesson Content' panel, there is a 'Back to Course' link and a 'Mark Complete' button with a checkmark icon. A red arrow points from the 'Back to Course' link to the 'Mark Complete' button.

9. The image below shows how you have completed the first module in this case, **Module 1: Introduction to Data Visualization**. As stated above, you should do this process for every **Module & Topic**.

The screenshot displays a course interface for 'Data Visualization'. On the left, a sidebar lists three modules. The first module, 'Module 1: Introduction to Data Visualization', is marked as complete with a checkmark and shows four topics: 'Fundamentals of Data Visualization', 'The History of Data Visualization', 'The Development of Data Visualization', and 'The Requirement for Data Visualization'. These four topics are enclosed in a red rectangular box, and a red arrow points from the bottom right of this box towards the main content area. The second module, 'Module 2: Business and Data', is also marked as complete with a checkmark and shows four topics. The third module, 'Module 3: Contributing Fields of Data Visualization', is marked as complete with a checkmark and shows four topics. The main content area features a large heading 'Module 2: Business and Data' and a breadcrumb trail 'Data Visualization > Module 2: Business and Data' with a 'COMPLETE' badge. Below this, a red header for 'Lesson Content' indicates '100% COMPLETE | 4/4 Steps'. The lesson content list includes 'Data Analytics', 'Business Intelligence', and 'Business Process Visualization and Description', each with a circular progress indicator.

10. When you have completed all the Modules & Topics of Data Visualization online course, the Final Quiz appears immediately on your screen. In order to answer the questions of this online course, you should click the Start Quiz.



11. After you have clicked on the **Start Quiz**, you will see the below-presented page and all the questions prepared for this online course. You should click **Next** when you answer a question.

The screenshot shows a user interface for a 'FINAL QUIZ'. On the left is a red sidebar with a menu containing: 'Data Visualization' (with a back arrow), 'Module 1: Introduction to Data Visualization' (4 Topics), 'Module 2: Business and Data' (4 Topics), 'Module 3: Contributing Fields of Data Visualization' (4 Topics), 'Module 4: Data Visualization' (4 Topics), 'FINAL QUIZ' (highlighted with a red box), and 'COURSE EVALUATION SURVEY'. The main content area has a large 'FINAL QUIZ' header, a breadcrumb 'Data Visualization > FINAL QUIZ', and a question: '1. What has been regarded as one of the fundamental drivers of modern technological developments?'. Below the question are four radio button options: 'Outsourcing', 'Data and information', 'Enhanced marketing research capabilities', and 'Corporate IT solutions'. At the bottom right, a red 'Next' button is highlighted with a red box and a red arrow pointing to it from the left.

12. After you have answered all the questions presented to you, the button [Click Here to Continue](#) appears. Also, on this page, you can see the percentage of your answers. As we have stated in our description the passing score is [60%](#). In addition, click on the [Click Here to Continue](#) button.

The screenshot shows a course interface for 'Data Visualization'. On the left is a navigation menu with a red header. The main content area displays the 'FINAL QUIZ' results. The results show '20 of 20 Questions answered correctly' and 'Your time: 00:01:38'. A message states 'You have reached 20 of 20 point(s), (100%)'. Below this are three buttons: 'PRINT YOUR CERTIFICATE', 'Restart Quiz', and 'Click Here to Continue'. The 'Click Here to Continue' button is highlighted with a red box and a red arrow pointing to it from the right.

Module	Topics
Module 1: Introduction to Data Visualization	4 Topics
Module 2: Business and Data	4 Topics
Module 3: Contributing Fields of Data Visualization	4 Topics
Module 4: Data Visualization	4 Topics

FINAL QUIZ

Data Visualization > FINAL QUIZ

Results

20 of 20 Questions answered correctly

Your time: 00:01:38

You have reached 20 of 20 point(s), (100%)

PRINT YOUR CERTIFICATE

Restart Quiz

Click Here to Continue

13. In order for CUNITECH Institute to improve this online course, we kindly ask you to complete the [Course Evaluation Survey](#). Please let us know what do you think about this online course. When you finish answering your questions regarding the online course, please [Click Here to Continue](#) button.

The screenshot shows a course interface for 'Data Visualization'. The main content area displays the title 'COURSE EVALUATION SURVEY' and a breadcrumb trail 'Data Visualization > COURSE EVALUATION SURVEY'. A red button labeled 'Start Quiz' is highlighted with a red box, and a red arrow points to it from the right. The left sidebar contains a course menu with the following items:

- Module 1: Introduction to Data Visualization (4 Topics)
- Module 2: Business and Data (4 Topics)
- Module 3: Contributing Fields of Data Visualization (4 Topics)
- Module 4: Data Visualization (4 Topics)
- FINAL QUIZ
- COURSE EVALUATION SURVEY

14. After clicking the button [Click Here to Continue](#), you will be re-directed to the page where you can download your [Certificate of Achievement](#). As we have stated before, you should pass [60%](#) of the questions in order to be able to get your [Certificate of Achievement](#). The certificate can be downloaded by clicking on the [Download Certificate](#) button.

The screenshot shows a course completion interface for 'Data Visualization'. At the top, the title 'Data Visualization' is displayed in a large, bold, red font. Below the title, a notification box contains a document icon and the text 'You've earned a certificate!'. To the right of this notification is a red button with a download icon and the text 'Download Certificate'. A red arrow points from the notification area towards the 'Download Certificate' button. Below the notification box, a progress bar is shown, which is a solid red line. To the right of the progress bar, the text '100% COMPLETE' is displayed in red, followed by 'Last activity on 28 March 2022 10:37 am' in a smaller font. At the end of the progress bar, there is a red button with the text 'COMPLETE' in white. At the bottom of the screenshot, the title 'Data Visualization' is repeated in a bold, red font.

THANK YOU FOR YOUR ATTENTION!

If you have any questions or require further support, please do not
hesitate to contact us at: operations@cunitech.ca