Data Science with EXPLORE AI ACADEMY

09-This document includes details about the Data Science programme, including the course timeline, support code, and what course completion requires.

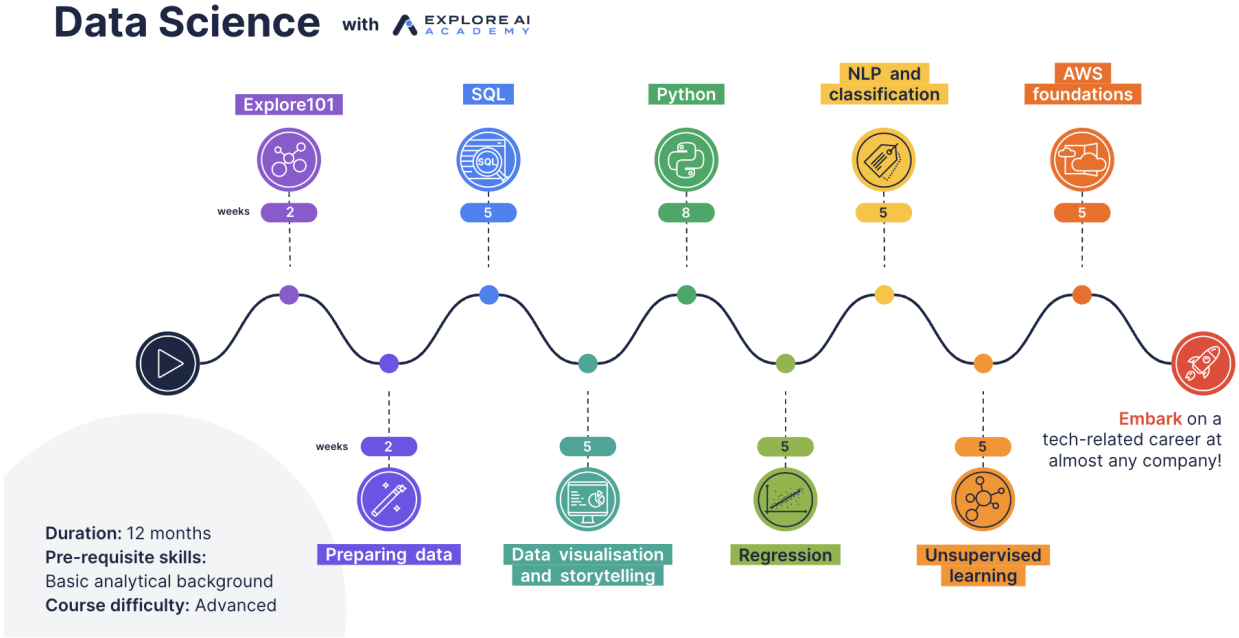
Table of Contents

Course timelines
Support code
- Support tools and resources
  - Connect with Athena
  - Connect Online
  - Connect with the Answerbase
- Support framework and structure
  - ExploreAI Academy webinar session
  - Connect with ExploreAI staff
  - Support hours
- Non-technical support

Course completion
- Certification
- Remediation

Course timelines

The following outline provides a high-level overview of our Data Science programme. These dates are to act as guidelines in terms of key milestones.



Milestones	Start Date	End Date
Course Launch	11 September 2023	-
Explore101	11 September 2023	24 September 2023
Preparing data	25 September 2023	8 October 2023
SQL	9 October 2023	12 November 2023
Data visualisation and storytelling	13 November 2023	10 December 2023
Consolidation	11 December 2023	24 December 2023
Break	25 December 2023	7 January 2023
Python	8 January 2024	3 March 2024
Regression	4 March 2024	7 April 2024
Break	8 April 2024	14 April 2024
NLP and classification	15 April 2024	12 May 2024
Unsupervised learning	13 May 2024	23 June 2024
AWS foundations	24 June 2024	28 July 2024
Integrated Exam	29 July 2024	9 August 2024

Support code

ExploreAI Academy's (EAI's) courses are self-driven e-learning experiences. Being enrolled in an ExploreAI course requires that you study in your own time and your own space, however, support is provided through facilitation and collaboration across the cohort is encouraged. The Academy provides various facilities and services to cater for its diverse student learning requirements. Our **Platform**, **Head teachers, Tutors, Course heads,** and **Answerbase** will all play an essential role in your learning journey over the coming year.

Support tools and resources

Detailed below are the various tools and platforms that you will interact with during your time with ExploreAI. These resources are key to your learning journey with us.

Connect with Athena

Athena is your primary online learning platform and is the key study tool for this course, including content broken up by lesson, views of your ongoing progress, and your performance. Athena has several content items and views that will help you on your learning journey with ExploreAI.

Dashboard View: A high-level view of everything that can be done in a given module (a.k.a. sprint), including:

- A **course timeline** of where you are within the course.
- What you have **to do.**
- A view of what you have **done** and **not yet completed**.
- A **test timeline** of when tests are due.
- An **overall sprint score** that indicates your score for a given module.

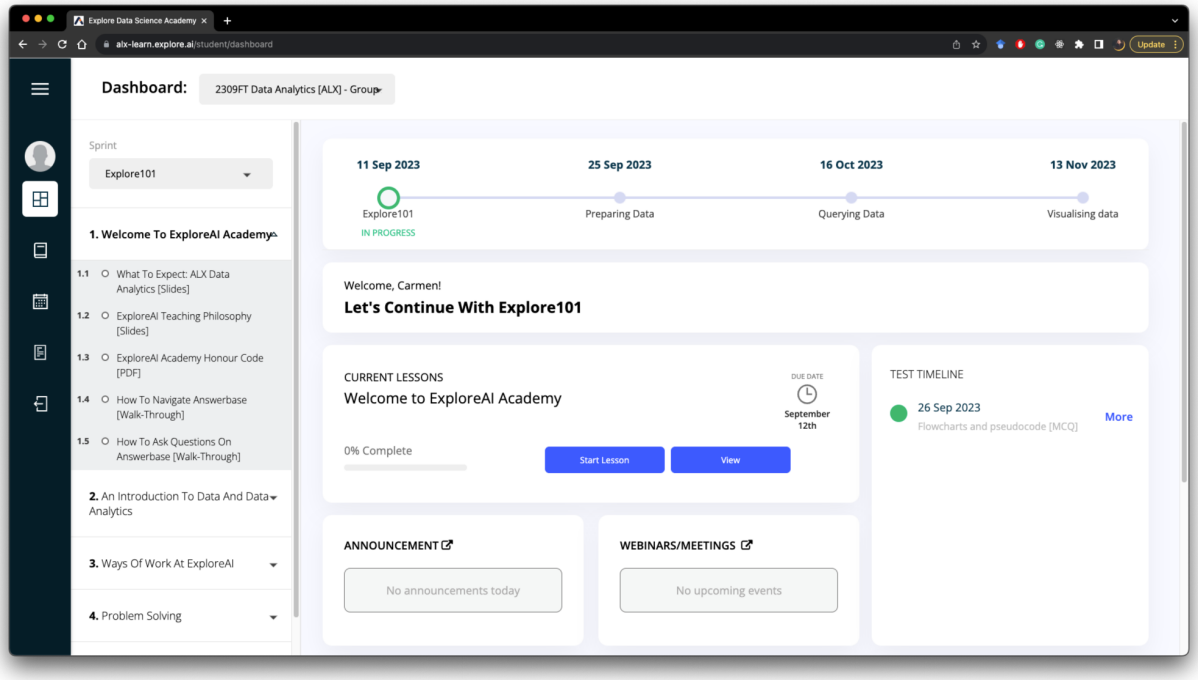


Figure 1: Athena Dashboard

Lessons: A structured set of content covering a key concept in a sprint. There are various types of lessons on Athena, including:

- The **module overview** lesson is the first lesson in every module. It includes an overview of the learning outcomes of a module, an assessment and project plan, and guidance on how to get set up with the tools and data you will need.
- All other **lessons** include all the content you need in the form of slide decks, videos, notebooks, and several other learning activities. Lessons also include a **lesson overview** document that provides an outline of the learning objectives covered in the lesson, including the type of learning activities included and the recommended time you should spend on each activity.

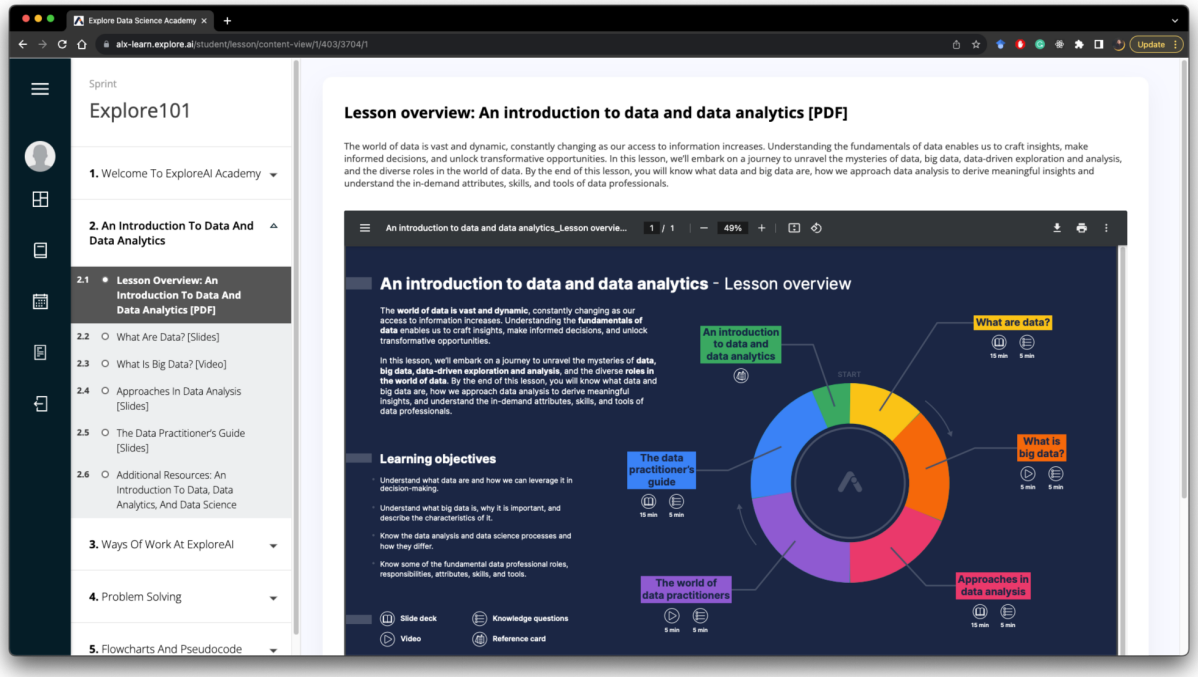


Figure 2: Lesson View

To view a walk-through of your Athena dashboard:

1. Click the “E” in the top left corner of your screen, and then
2. Click “Help & FAQ”.

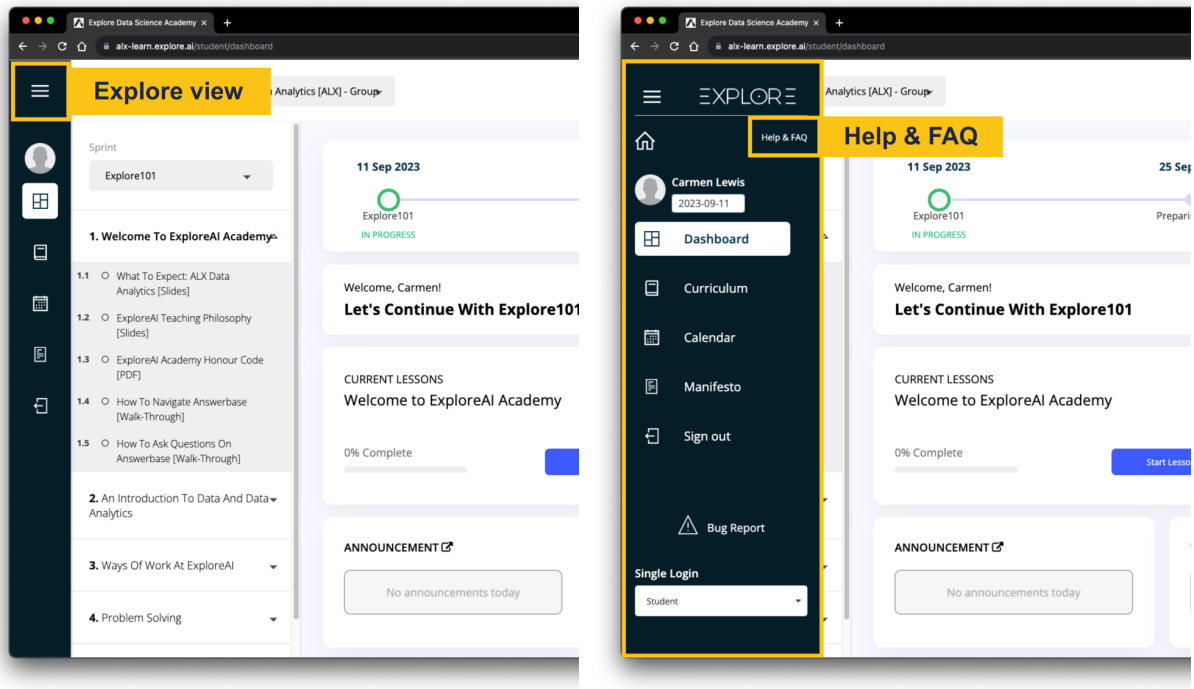


Figure 3: Athena Walkthrough tutorial

Connect Online

Communication is an ***art***, and just as certain art pieces may not appeal to everyone, the way we communicate certain topics may not resonate with you. Sometimes you may need a different perspective on the same topic. These external sites can help you learn when you need help with your code or to better your understanding of a given topic.

- **Google** is a powerful search engine that can help you locate different examples and explanations of a concept. Look for official documentation, research papers, educational websites, etc.
- **Stackoverflow** is the largest, most trusted online community for developers to learn, share their programming knowledge, and build their careers. When you are stuck with any Python-related queries in terms of syntax or function and how to use them then StackOverflow is the place to go, where other developers have shared and explained their usage of code fragments and solutions.
- **Kaggle**, **LinkedIn** and **YouTube** are great channels through which to share ideas, find other students, ask questions and generally stay informed.

Connect with the Answerbase

Answerbase is a Q&A (Questions and Answers) platform designed to connect users seeking answers with those willing to share their knowledge or thoughts. Whether you have questions or expertise on a variety of ExploreAI course-related topics, Answerbase is there to create a collaborative environment for learning and exchanging information.

Answerbase is your single point of contact for all academic and Athena-related questions. Please note that any queries outside of these domains will not be answered.

For more details please visit the “How to ask a question” resource provided to you.

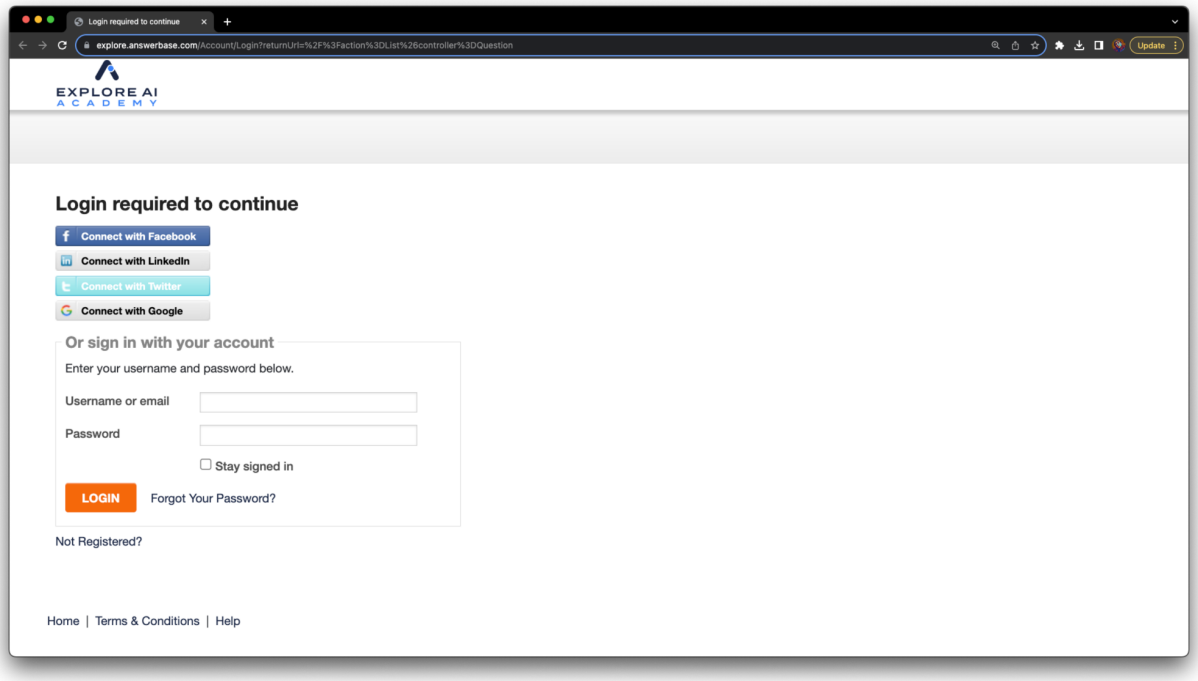


Figure 4: Answerbase landing page

Support framework and structure

ExploreAI Academy webinar session

Every week you will have a live tutorial session with the ExploreAI facilitators. These sessions are designed to cover key topics of the sprint to enhance and consolidate your knowledge of the course modules. These sessions are recorded so that you can watch them later on your course YouTube playlist. In addition to normal webinars, there will be First-aid classes. These classes are designed to support learners who need additional support with the coursework.

Connect with ExploreAI staff

Athena is your primary resource for learning. Beyond Athena, our staff are here to guide you through ambiguities, explain difficult concepts, and generally enrich your learning experience via Webinars, Live sessions and Answerbase.

Support hours

The ExploreAI team operate between **9:00 CAT and 17:00 CAT**. These serve as our core working hours. For all platforms, you can expect a turnaround time of no more than 24hrs. That being said ExploreAI staff will attempt to answer all queries well before the mark. It is important to note that any queries coming after hours will only be dealt with on the next working day. We encourage all learners to be proactive and attempt all assignments before the deadline to avoid disappointment.

Non-technical support

For all non-technical queries please make use of the Circle.

Course completion

Course completion entails attending scheduled classes, actively participating in discussions, submitting assignments on time, and successfully meeting the learning objective.

Requirements are as follows

- All assessments are compulsory unless stated otherwise.
- The pass mark for all assessments is 50%. Should you not attain at least 50% upon the first attempt of a test, three supplementary attempts can be made to achieve the pass mark.
- All compulsory assessments must be completed before the end date of the programme.

Certification

Completion certificate with score

Learners have completed all compulsory assessments and projects, and have achieved 50% for all compulsory assessments.

Remediation

All efforts are made to ensure you remain up to date with the programme but sometimes students fall behind due to various reasons. Should you not meet the course requirements and not successfully complete the course by the programme end date, your programme will be deemed **incomplete**.

Learners who are deemed **incomplete** have the option to enter into remediation. Remediation provides you with an opportunity to 1) complete compulsory assessments they did not complete and/or, (2) retry assessments for which you did not attain the pass mark of 50%.

For successful remediation, you will need to:

1. Determine which assessments need to be completed or retried by referring to your portfolio view on Athena.
2. Confirm you are entering into remediation by responding to the invitation you will receive from the inviting party.
3. Complete the outstanding assessments and/or retry the assessments in which you scored lower than 50%. This is to be completed within 1 month of the programme end date.
4. Inform the inviting party once you have met the requirements for successful completion.

Limited academic support will be available to you for the remediation period as you will have access to all past webinars, content, and Answerbase.