

Getting ready for this course

This specialization is aimed at a general audience who may be interested in training for a career in Data Science either through an academic or a professional route. It could lead straight to employment in data-rich environments or into a degree course in Computer Science or Data Science. It's an all-in-one package that will take you from the very fundamentals of Data Science, all the way to solving complex scenarios using Data Science techniques.

Previous experience or knowledge of Computer Science

This course is recommended for complete beginners who have not done any programming before, but we suggest you have previous experience in some or all the following areas:

- Basic programming skills in any language (ideally Python)
- Basic understanding of data structures and algorithms
- Basic understanding of mathematics and statistics

Glossary:

Given the beginner nature of the course, we do start from the very beginning and introduce you with some of the terms used in programming and within Data Science. In case you struggle with some of the terms in the course, here you can find a comprehensive glossary about programming in Python:

https://www.w3schools.com/python/python_ref_glossary.asp

We are keen to improve the course in response to your feedback. For example, if you watch a video and there is a word in the video needing more explanation, please leave us some feedback using the content improvement suggestion flags.

Tips:

We strongly encourage you to keep a log, or journal, of the learning you are undertaking to accompany the stepped learning through the series of courses in the specialisation. This can be as simple as noting down on paper the main concepts you learn at the end of each course. Or you might want to write notes after each video.

Best of luck with the Data Science Foundations specialization.