

Alt____
School

Diploma in
Data
Science





First Semester

Month 1 - Onboarding (Slack, Emails, Calendar)

- Welcome to AltSchool
- Onboarding Videos (A Quick Flight)
- Introduction to Computer Science
- Introduction to programming

Month Two

- **Week One**

- **What is Data?**

What Exactly is Data?	A general definition of Data
	Data within the context of computing
	Putting the pieces together, and making a connection to a career in tech
How It All Started	Unintentional gathering and use of data in the past
	When it became a deliberate art/science
	Progression from then till now
Contemporary Use Of Data	Use of data in different industries/sectors
Various Career Options Within Data	A brief of each of the popular career options and their importance
	Data to show the relevance and need of these options, for present and future

- **Peter Okwukogu**

Introduction

- What is data science? -
- What do data scientists do?
- Where do data scientists work?

- **WeekTwo to Four - Peter Okwukogu**

Introduction to Python.

- Python Data Structures
- Lists, Tuples, Sets, and Dictionaries
- Functions

Month Three

- **Week 1 to 3 - Peter Okwukogu**
 - Data Cleaning
- **Week 4 - Revision.**
- **Week 5 - Exams**

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