

Data Engineering Bootcamp										
Pre course Enrolment and preparation	Week 1 Induction and Foundation learning	Week 2 Foundation learning	Week 3 Foundation learning	Week 4 Soft Skills	Week 5 Employer Engagement, self -learning, and exam	Week 6 Specialism training	Week 7 Specialism training	Week 8 Specialism training	Week 9 Specialism Training	Week 10 Specialism & project submission
On-Line Induction and preparation	Virtual Classroom 5 days	Virtual Classroom 5 days	Virtual Classroom 5 days	Virtual Classroom 5 days	Classroom and self-learning 5 days	Virtual Classroom 5 days	Virtual Classroom 5 days	Virtual Classroom 5 days	Virtual Classroom 5 days	Virtual Classroom 5 days
Enrolment activities including:  Induction activities  System testing  Exam booking	introduction  AGILE  DevOps  Source Control  Basic NetSec.  OS Basics	Databases  HTML  Python Fundamentals  Self - assessment of progress submitted to BUD  Tutor provided progress feedback	Python Fundamentals cont.  AZ900 exam prep  Self - assessment of progress submitted to BUD  Tutor provided progress feedback	Role Overview  Communication skills  Impactful presentation  Career workshop  Interview preparation  Safeguarding  British Values/ Prevent  Employer intelligence  Build your CV and Linked in profile	20 hours minimum self- learning  Exam  Project overview and introduction  Employer presentations, workshops etc  Opportunity to apply for jobs	Introduction to Big Data  Project progress	Day 1-3: Data visualisation using PowerBI  Day 4-5: Data Architecture  Project Progress	Day 1: Data architecture cont.  Day 2-5: Python for Data Analytics  Project progress	Day 1: Python for Data Analytics cont.  Day 2-5: Machine Learning  Project progress	Day 1: Azure Data Fundamentals.  Day 2: Implementing a Data Science Solution on Azure  Day 5: SFIA Project prep  Submission
	Pathway days 1-5	Pathway days 6-10	Pathway days 11-15			Pathway days 15-20	Pathway days 21-25	Pathway days 26-30	Pathway days 31-35	Pathway 36-40

**Post course**  
Employer Engagement  
Access to Cloud for balance of 12 months  
Optional BCS Membership and access to services  
PeopleCert Discounted services