



COURSE GUIDE

data ANALYSIS

UNDERGRADUATE
CERTIFICATE



WE'RE DIFFERENT

At Coder Academy, we use our innovative framework as Australia's only accredited coding bootcamp provider to build a community of empowered individuals with in-demand skill-sets for global employment opportunities.

Since 2015, Coder Academy has provided a range of workshops, short courses and coding bootcamps in Sydney, Melbourne and Brisbane as well as online, to equip our students with the coding, programming and technology skills they need to tackle the future of working in tech.

Our practical, industry-relevant training is intensive, immersive, collaborative and hands-on. We place a strong focus on nurturing problem-solving capabilities and a growth mindset - two critical success factors in today's tech industry. The results? We think the stats speak for themselves.



WE ARE THE #1 RANKED AUSTRALIAN CODING BOOTCAMP*



POWER UP YOUR CAREER

Whether you want to power up your career potential or re-skill and take your first step towards a rewarding career as a Data Analyst, then now is the time to do it! Why? Because every imaginable industry now relies on analysing and extracting insights from data to shape well-informed decisions, drive out successful strategies and future-proof their organisation. With 76% of companies expected to invest in data analysis capabilities by 2022*, this isn't slowing down anytime soon.

In just 24 weeks part-time with Coder Academy, you can go from zero to data hero with an Undergraduate Certificate in Data Analysis and the foundation skills needed to analyse and extract insights from large datasets.

This is the only accredited short course in Australia that is delivered 100% online through our virtual classroom one evening per week, so you can reskill from the comfort of your own home while you continue to work or support your family.

Best of all, this program has limited Commonwealth Supported Places available under the Australian Government's Job-Ready Graduates Package. This means that over 60% of your tuition fees will be subsidised (eligibility criteria applies). There really has never been a better time to power up your career with data.

LEARN TO SPIN DATA INTO GOLD

Gain the foundation skills needed to read, manipulate, clean and analyse large datasets using Python - one of the top 5 programming languages globally. Build simple algorithms to efficiently mine and organise data so that you can extract valuable insights from the information gathered and start making business decisions that have real impact! You'll also develop problem-solving capabilities, interpersonal communication and analytical skills - all of which are sought-after within the field of data analysis.

SUBJECT OVERVIEW

DATABASE SYSTEMS

Learn how to use databases to store & retrieve data safely & efficiently.

DISCRETE MATHS

Learn fundamental mathematics to understand & analyse data.

PROGRAMMING I

Learn techniques for designing and implementing basic algorithms using Python so you can analyse large datasets and extract meaningful insights.

INFORMATION SYSTEMS

Gain fundamental knowledge of how computers, networking and the internet work.



Learn to create simple algorithms that allow you to mine data using Python - one of the most in-demand programming languages globally! It's also the programming language of choice for the data industry. Here's 3 reasons why:

1. It's simple syntax makes it easy to read, learn & use - so it's ideal for data beginners.
2. It's faster to write code than some other programming languages.
3. It's multi-purpose nature means you can perform data processing, statistics, mathematics, machine learning & visualisation tasks with speed within the one environment.

JOB OUTCOMES

In companies with strong data cultures, important decisions are informed by data and analytics and executives act on analytically derived insights rather than intuition or experience. In this 24-week part-time course, you can gain foundation skills to power up your career potential so you can guide those data-driven decisions.... or, take your first step into a lucrative role in tech as a:

- 1 : **Junior Data and Reporting Analyst**
- 2 : **Junior Systems Analyst**
- 3 : **Junior Supply Chain Analyst**
- 4 : **Business intelligence trainee**
- 5 : **Junior Database Administrator**
- 6 : **Junior Data Engineer**
- 7 : **Junior Data Quality Analyst**



POWER UP YOUR POTENTIAL

Data-literate employees are >50% more likely to be trusted by their employers to make decisions.*



LEARN A TOP PROGRAMMING LANGUAGE

Python programming is the most in-demand skill for 2020**



EARNING POTENTIAL

By 2022, the predicted average income of a Data Analyst is \$130,176^



LEARN TO MINE **data,** FROM **home**

If you currently work or you have a family to support but want to re-skill in Data Analysis, you can now do so one evening a week over 24 weeks, from wherever you are in Australia.

Your course will be delivered online via our virtual classroom. Interact with your instructor and peers just as you would do in a physical classroom, using a range of collaborative features as well as real-time sharing of presentations. And the best part is, it's easy to use and can be accessed on any device.



Share screens
in real time



Real-time, multi-user
whiteboard



Breakout rooms for team
collaboration & group



Debate, collaborate &
learn from one another



DM your peers
& educators



Lessons can be recorded
for later use



Real time chat



Poll students at anytime
& display results

COURSE DETAILS

TIMETABLE	Tuesdays, 7-9pm AEST
DURATION	6 months (24 weeks). You will have 2 hours of virtual classes per week plus 12-16 hours of independent learning per week.
DELIVERY	Online - Virtual Classroom
QUALIFICATION	Undergraduate Certificate in Data Analysis issued by Academy of Information Technology
TUITION FEES	<p>The tuition fees for this course are \$9,990.</p> <p>However, there are limited Commonwealth Supported Places (CSP) available to eligible domestic students. If you secure a CSP, the Australian Government will subsidise \$6,250 of your tuition fees reducing your student contribution to \$3,740.</p>
PAYMENT OPTIONS	<ul style="list-style-type: none">• HECS-HELP• Upfront payment• Ezidebit monthly instalments
PATHWAYS	<p>Gain credit towards the Web Development Bootcamp (Diploma of IT).</p> <p>You will need to apply, complete an interview and meet eligibility criteria. Pathway to the Bachelor of IT (Games Programming) or Bachelor of IT (Mobile Applications Development).</p>



ABOUT COMMONWEALTH SUPPORTED PLACES

Under the Australian Government's Graduate Job Ready package, limited Commonwealth Supported Places (CSP) are available for this course which means that your tuition fees will be subsidised (eligibility criteria applies). The Government will pay \$6,250 directly to the provider and you will pay the student contribution which equals \$3,740. You may be eligible for HECS-HELP to pay your student contribution.

To be eligible for a CSP, you must be one of the following:

- An Australian citizen; or
- A permanent visa holder who will be living in Australia for the duration of the course; or
- A New Zealand Special Category visa (SCV) holder or permanent humanitarian visa holder and meet the residency requirements.

To get a CSP, please follow the instructions in the enrolment process.

HECS-HELP

HECS-HELP is a scheme that assists eligible Commonwealth supported students to pay their student contribution amount with a loan. You can only get a HECS-HELP loan if you are enrolled in a Commonwealth supported place (CSP). For more information visit:

<https://www.studyassist.gov.au/help-loans/hecs-help>

READY TO APPLY?

Head to coderacademy.edu.au/undergrad-certs/data_analysis/apply





POWER UP YOUR CAREER WITH



CONTACT US!

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 CoderAcademy

Academy of Information Technology trading as Coder Academy Australia;
RTO 90511, PRV12005, CRICOS 02155J; an approved VET Student Loan and FEE-HELP provider.

