coder ACADEMY

EVERY INDUSTRY NEEDS
DATA SCIENTISTS

DATA SCIENCE
BOOTCAMP

COURSE GUIDE

COMING SOON

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.

Coder Academy offers 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.

As Australia's premier technology educator offering industry-ready courses for people of all ages, abilities, and backgrounds, we equip our students with the knowledge, confidence and industry connections to succeed **and stand out in the crowd.**

JOB OUTCOMES

In today's data-driven economy, important decisions are informed by data and executives act on analytically-derived insights rather than intuition or experience. In under a year at Coder Academy, you can learn to guide those data-driven decisions and step into a role in tech as a:

ROLES YOU CAN EXPECT TO APPLY FOR:

1 Data Analyst

2 Data Scientist

3 Business Intelligence Analyst

4 Data Consultant

COURSE LEARNING OUTCOMES

1. Determine and apply the fundamental principles and components of data science, using industry standard procedures.
2. Identify and apply the core elements of a programming language when constructing functioning programs.
3. Gather, clean and manipulate structured and unstructured data when undertaking data analytics projects.
4. Analyse, interpret and quantify outcomes using data from multiple domains.
5. Analyse and describe data using different statistical methodologies and industry relevant programming frameworks and techniques.
6. Work collaboratively to execute industry-relevant data science projects.
7. Demonstrate appropriate problem-solving techniques when solving diverse issues.
8. Explain machine learning and create applications backed by machine-learning algorithms.
9. Understand and apply legal, ethical and socially responsible practices when undertaking ICT projects.
10. Analyse and manage data using various platforms, including cloud computing.
11. Learn and adapt to current and emerging industry trends and examine the impact data management has on society.
12. Communicate effectively and report outcomes using appropriate tools and methods.

Data Science Bootcamp – Standard
INTAKE DATE — September 2022 (TBC)
DURATION — 44 Weeks
DELIVERY — On-campus or remote classroom
TIMETABLE — Thurs/Fri/Sat 9:00am–5:00pm (2 days will be synchronous facilitator-led classes; 1 day will be asynchronous online).
QUALIFICATION — Diploma of Data Science (PENDING ACCREDITATION)

ADMISSION CRITERIA

<u>DOMESTIC STUDENTS</u>

All domestic candidates must:

- Be aged 17 years or over (Applicants under 18 will require written parent/guardian consent); AND
- Undertake an in-person or online interview with an Academic Admissions Officer, where applicants are encouraged to prepare a portfolio for consideration; AND
- Have successfully completed Australian year 12 or equivalent and achieved a grade of not less than 70% in at least one STEM subject in year 12; OR
- Possess a Certificate IV, VET Diploma or Higher Education Diploma; OR
- Have completed one year of full time study in a degree course at a higher education provider; OR
- Demonstrate significant interest and/or experience in a relevant field of work.
  - → Students may be asked to demonstrate this through the submission of a CV, a short written piece, interview and or submission of an evidence portfolio.

Additionally, if further evidence of capacity is required, candidates may be called upon to further demonstrate their suitability through one or more of the following:

- Successful completion of AIT activity, which may require a test, demonstration, portfolio of relevant work or additional interview
- Demonstration of relevant work experience/qualification prior to entry, such as in programming, management or supervision, engineering, or roles that require the collation and analysis of information.

<u>INTERNATIONAL STUDENTS</u>

In addition to the above, international candidates must also meet the following minimum language requirements:
- Be aged 18 or over
- IELTS 5.5 (no band less than 5.0) or equivalent which has been completed within the last 12 months

| **PRICE** — DOMESTIC & INTERNATIONAL: $20,970 |

DIVERSITY
IN TECH

At Coder Academy, we're passionate about looking for ways we can encourage inclusion in the tech industry.

To help close the long-standing diversity gap in the field of programming, information security and cloud technologies, Coder Academy is proud to offer a Diversity Scholarship for each intake.

This life-changing scholarship is available to Australian citizens from minority groups* who are creatively ambitious and technologically minded.

The scholarship will cover 50% of the total course tuition fee. Application requires the submission of a form and creative portfolio. Finalists will be determined following an interview.

Scholarship deadline is 14 days prior to each course start date.

NB: Open to Australian Citizens and Permanent Residents only.
You must apply for and be offered a place in the bootcamp prior
to submitting your scholarship application.
*Minority Groups refers to anyone who feels discriminated against on the basis of race, ethnicity, gender, sexuality, religion and people with disability.

For full terms and conditions visit https://www.coderacademy.edu.au/diversity_in_tech_scholarship/about

ARE YOU READY TO UNLOCK THE PREDICTIVE POWER OF DATA?

▶ **JOIN THE WAITLIST**

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coderacademy.edu.au

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