

---

# 7 Questions To Ask Before Choosing A Data Science & AI Course

A practical checklist for choosing the path that actually helps you become employable.



WHY IT MATTERS

# Do not choose a course by **name, or cost**

Choose it by the results it can help you create: real skills, stronger projects, better support, and a clearer route into the hiring process.

**The real question is: will this course give you the skills, support, projects, and confidence to move into a role?**

**QUESTION 1**

# **Does it teach the right foundations?**

Trendy tools are useful, but they do not replace the core skills employers still expect.

**Look for SQL, Python, Statistics, Data Cleaning, Visualisation, Machine Learning, GitHub, Cloud Services, and applied/practical GenAI skills & knowledge.**

**Good sign: the course teaches AI tools, but still makes sure you can reason about data without blindly trusting AI output.**

QUESTION 2

# Is there a clear **learning path**?

A good course should feel like a roadmap, not a library of disconnected lessons.

The path should move from fundamentals, to applied practice, to projects, to portfolio, to job preparation.

Red flag: a course that jumps between tools without explaining why each skill matters or how it connects to real work.

**QUESTION 3**

# **Will you build a portfolio that sets you apart in the hiring process?**

Your portfolio should make your skills visible, credible, and easy to discuss with employers.

**Strong projects show problem framing, data cleaning, analysis, modelling, storytelling, and a clear business recommendation.**

**Weak project: a notebook that just follows instructions. Strong project: a piece of work you can explain confidently in an interview.**

**QUESTION 4**

# **What expert support exists when you get **stuck**?**

This is one of the biggest differences between watching content and actually making progress.

Look for human feedback, Q&A, mentoring, accountability, project review, and guidance from someone who understands the hiring process.

Subtle but important: expert 1:1-style guidance can save weeks of confusion because someone who has been there can diagnose your exact blocker.

**QUESTION 5**

# Does it prepare you for the **job market**?

Learning technical skills is only part of the transition.

A strong course helps with CVs, LinkedIn, GitHub, portfolio positioning, interview practice, technical tests, and explaining projects clearly.

Ask: will I finish with evidence of ability, or just a certificate saying I watched the lessons?



**QUESTION 6**

# Is it realistic about **AI**?

A modern course should teach you to use AI well, without pretending fundamentals no longer matter.

The best path is not "ignore AI" or "only learn AI". It is strong fundamentals plus practical GenAI fluency.

You need enough SQL, Python, Statistics, and Machine Learning knowledge to know when AI output is useful, wrong, or risky.



QUESTION 7

# What is the real cost, not just the **price**?

Free or cheap is not always the cheapest route if it slows your transition down.

If a better-supported course helps you enter a role 12 months earlier, the ROI is not the course price. It is a full year of salary and momentum.

A free course can be valuable. But a vague path with no feedback, no projects, and no job support can become an expensive delay.

DATA SCIENCE I N F I N I T Y

**Pivot your career into Data  
Science, AI, or Analytics in  
under 6 months**



[www.data-science-infinity.com](http://www.data-science-infinity.com)