

15 Mistakes to Avoid in Data Science

GoSkills online course syllabus

Skill level

Beginner

Lessons

17

Pre-requisites

No prior experience needed

Video duration

19m

Estimated study time

19m 12s

Instructor

Madecraft

Introduction

1 Avoid common mistakes to excel in data science

Mistakes to Avoid

2 Communicating with overly technical language

Data science is a highly technical field, which can alienate the non data-savvy. After watching this video you'll be able to discuss how using overly technical language can negatively impact your data science projects.

3 Skipping the fundamentals

It's unavoidable to encounter repetitive "simple" tasks when working with data, but it's important to be incredibly thorough despite the repetition.

4 Moving too quickly

It's easy to get excited when working with novel datasets or chasing after unique problems.

5 Having a data set that is too small

If you overlook the size of your dataset, you may run into serious problems later.

6 Failing to adopt new tools

Oftentimes the best analysis is dependent upon using the best tool or the most current algorithm.

7 Not considering the level of variation

Variation is a really important data science project and is often poorly communicated to stakeholders.

8 **Lack of documentation**
Documentation must be at the core of every data science workflow.

9 **Relying solely on formal education**
A formal degree or certification program is a great foundation, but it doesn't keep current on its own.

10 **Taking too long to share results**
Most data projects are time sensitive and it's always necessary to maintain the right balance.

11 **Including your bias**
When working with datasets it's easy to inadvertently introduce persona bias into the analysis.

12 **Overpromising solutions to stakeholders**
Setting expectations appropriately is a necessary skill for every data scientist.

13 **Building tools from scratch**
Writing code is a key skill for a data scientist but it is tedious work.

14 **Assuming knowledge level of stakeholders**
Presenting data without matching the language to the knowledge level of the room is a common mistake.

15 **Not telling a story with the data**
Data is only helpful for achieving goals if it's well understood.

16 **Not confirming with stakeholders**
A common mistake in data science is making assumptions about the goals of a project.

Chapter Name

17 **Get started on the right path**