Goskills

Making Decisions Under Uncertainty

GoSkills online course syllabus

Skill level
Beginner

Lessons
18

Pre-requisites
No prior experience needed

Video duration
1h 9m

Estimated study time
1h 9m

Instructor
Michael Shermer

Introduction

1 All decisions are made with uncertainty
Every decision we make is made with imperfect information.

Signal Detection

2 Signal detection theory
We are all faced with the task of making challenging decisions with limited information.

3 Decision making in all walks of life
The importance of national or international decisions is easy to recognize, but our personal decisions can have just as much of an impact.

The Psychology of Decision Making

4 Dissonance and decisions
Not all decisions are good ones.

5 Self-justification and decisions
It's natural to reframe past choices as better than they really were to protect yourself.

6 Fundamental attribution bias
To make the right decisions, we need to have correct information about the world we live in.

Decision Matrixes

7 The two-by-two matrix

Signal Detection Theory uses the tool of a two-by-two matrix to represent possible outcomes of a decision.

8 A matrix of medical decisions

Medical decisions are a common example of decisions made under unclear circumstances.

9 A marriage matrix

It's tempting to imagine love as something beyond the realm of rational decision-making.

10 Deciding on the "the one"

The decision of who - and if - to marry is one of the biggest ones in a person's life.

Making Financial Decisions

11 Money decisions

Financial decisions can have an enormous impact on your life.

12 More money decisions

We all have biases we're unaware of which inhibit our ability to make smart financial decisions.

13 Framing financial decisions

Have you ever found yourself spending more money with a credit card than you would have with cash?

Decision Making Statistics

14 D' numbers

How do you know when to make a decision, or which option to choose?

15 Decision making with d' numbers

How accurate are your decisions?

16 Why we make wrong decisions

It may seem that if we can just gather enough information, we can always make the right decision.

17 12 methods for decision making

No one can tell you what the right choices are for your life.

Conclusion

18 Make methodical decisions

Congratulations on completing this course.

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