

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, PhD

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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