

What you've gotten yourself into

- Just for fun, course promotional video

1 min
- Pre-Course Survey

10 min
- Course structure

10 min
- Grading

10 min
- Data science in the ideal versus real life Part 1

4 min
- Data science in the ideal versus real life Part 2

3 min
- Examples

7 min
- Machine Learning vs. Traditional Statistics Part 1

14 min
- Machine Learning vs. Traditional Statistics Part 2

3 min

The data pull is clean

- The data pull is clean

10 min
- Managing the Data Pull

11 min
- Quiz: The Data Pull is Clean

5 questions

The experiment is carefully designed, principles

- The experiment is carefully designed

10 min
- Experimental design and observational analysis

10 min
- Causality part 1

8 min
- Causality Part 2

9 min
- What Can Go Wrong?: Confounding

5 min
- Quiz: The experiment is carefully designed principles

5 questions

The experiment is carefully designed, things to do

- The experiment is carefully designed, things to do

10 min
- A/B Testing

9 min
- Sampling bias and random sampling

5 min
- Blocking and adjustment

11 min
- Quiz: The experiment is carefully designed, things to do

5 questions

Results of analyses are clear

- Results of analyses are clear

10 min
- Multiplicity

6 min
- Effect size, significance, & modeling

7 min
- Comparison with benchmark effects

4 min
- Negative controls

5 min
- Quiz: Results of analyses are clear

4 questions

The Decision is obvious

- The decision is obvious

10 min
- Non-significance

5 min
- Estimation Target is Relevant

10 min
- Quiz: The Decision is Obvious

5 questions

The analysis product is awesome

- The analysis product is awesome

10 min
- Report writing

8 min
- Version control

4 min
- Quiz: The analysis product is awesome

5 questions

Post-Course Survey

- Post-Course Survey

10 min

We would like to hear your feedback about the course and to learn more about how you plan to use the skills and knowledge you've acquired over the past four weeks. Please take a few moments to complete our post-course survey.

[Launch the survey](#)

Complete