


**UTAustinX: UT.7.10x Foundations of Data Analysis - Part 1**

Week 1: Introduction to Data &gt; Lecture Videos &gt; The Need for Statistics

Bookmarks

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- ▼ **Week 1: Introduction to Data**

**Readings**

Reading Check due Mar 15, 2016 at 18:00 UTC

**Lecture Videos**

Comprehension Check due Mar 15, 2016 at 18:00 UTC

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**Pre-Lab**

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**Lab**

Lab due Mar 15, 2016 at 18:00 UTC

- ▶ **Week 2: Univariate Descriptive Statistics**

## The Need for Statistics



SPEAKER: MICHAEL J. MAHOMETA, Ph.D.

Hi, I'm Michael.

And welcome to Foundations of Data Analysis.

Almost every video that you're going to see in this course, the instructional videos, will have some sort of

▶ 0:00 / 4:19

▶ 1.0x 🔊 ⌂ CC

Download transcript .srt

## Comprehension Check

(3/3 points)

Simply put, learning statistics can help us

☐ determine which statements we read are true.

☐ stop criminal activity.

☒ think more clearly about data. ✓

► Week 3:  
Bivariate  
Distributions

► Week 4:  
Bivariate  
Distributions  
(Categorical  
Data)

- ☐ justify decisions when no evidence is present.

In this course, we will be working with only those questions that

- ☒ can be answered by statistics. ✓

- ☐ are relevant to adult learners.

- ☐ address the meaning of life.

- ☐ are considered a priority in our society.

What three things will we do as data investigators?

- ☐ Look at Our Question, Find the Data, Analyze the Data

- ☐ Graph Our Data, Describe Our Data, Show Our Data

- ☐ Find Our Data, Model Our Data, Graph Our Data

- ☒ Examine the Question, Analyze the Data, Draw Conclusions ✓

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