

The background features a series of concentric, overlapping curved lines in shades of gray, some solid and some dashed, creating a sense of depth and movement. A large, solid red speech bubble is centered on the page, pointing downwards. The text is contained within this bubble.

Statistics 101 My Version

The Why and the What?

The background features several sets of curved lines in the corners, some solid and some dashed, creating a sense of motion or data flow. A prominent red speech bubble is positioned on the left side of the slide.

Our lives are run
by statistics

- **COVID**
 - What are your chances of getting COVID?
 - Should you be vaccinated?
 - Once vaccinated, should you wear a mask?
- **Health care**
 - Insurance
 - Treatment
- **Politics**
 - Polls
 - Elections

The slide features a white background with decorative elements consisting of several sets of curved lines in the corners. Each set includes a solid line, a dashed line, and another solid line, all curving towards the center. A prominent red speech bubble is positioned on the left side, containing white text.

And our grasp
of statistics is
fleeting...

- Intuition and gut feeling fail us
 - Anecdotal evidence
 - Drowning in data
- Treat estimates as facts...
 - Experts with agendas...
 - Policy driven by bad statistics..

The slide features a decorative background with several sets of curved lines in the corners. On the left, there are solid and dashed lines curving upwards and outwards. On the right, there are solid and dashed lines curving downwards and outwards. In the center, there is a red speech bubble containing the text 'What this course will cover'.

What this course will cover

- **My primary area is finance/investing, not statistics**
 - I learned enough statistics to get by..
 - Over time, I have learned the value of statistics the hard way.
 - Course is an accumulation of the statistics that I have learned along the way, that I have found useful
- **To me, statistics is what lets us play Moneyball with data**
 - Unique time in history, where we have access to more data than ever before and more powerful tools than ever before
 - Statistics class for investing and finance, and while we will cover a broad swath of topics, there will be topics that will not be covered because I have not found a place for it in investing and finance

The slide features a decorative background of curved lines in shades of gray, some solid and some dashed, sweeping across the top and bottom. A prominent red speech bubble is positioned on the left side, containing the text 'Who this course is for...'.

Who this course is for...

- **Primarily investing and finance people, whose statistical knowledge is old/stale, and need a brush up. Perhaps, even for people who don't even remember taking a statistics class.**
- **It is not for**
 - **Researchers, whose statistical knowledge has to be far deeper**
 - **Those who want to play inside statistics games...**

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Course Objectives

- Understand what tools you have in your toolbox to answer the questions you may face, when confronted with data, and which of those tools to use.
- Understand how to use that tool to answer your questions, and the limitations of the tool.
- Assess other people's use of statistical tools, to make sure that you are not being misled with data and to ask the right questions about the data usage.