Get real about stock market return

Part 1: Understand the role of luck

Part 2: Build focused, long-term thinking

Part 3: Determine your expected stock market return









Learning outcomes

- Understand the past range of outcomes of the equity markets
- Consider the US and global equity markets









Learning outcomes

- Understand how when you were born has a big impact on your long-term returns
- Set your own expected long-term equity return

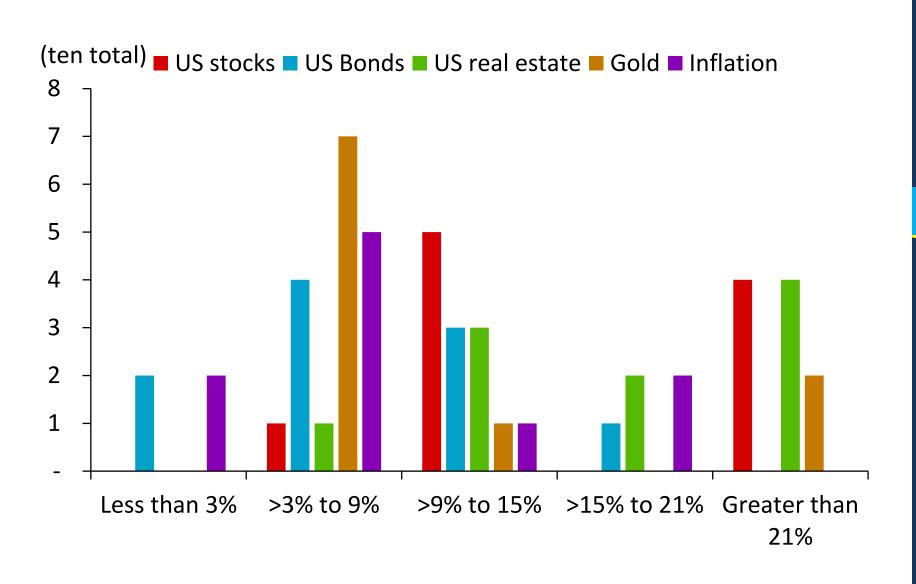








What you think











Where you are investing

- **★** SCB
- ★ Bualuang Securities
- ★ Pi Securities, TTB
- ⋆ DBS Vickers
- **★ IBKR**
- ★ Asia Plus
- **★** UOB
- ★ Kbank



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What will be the US stock market return?

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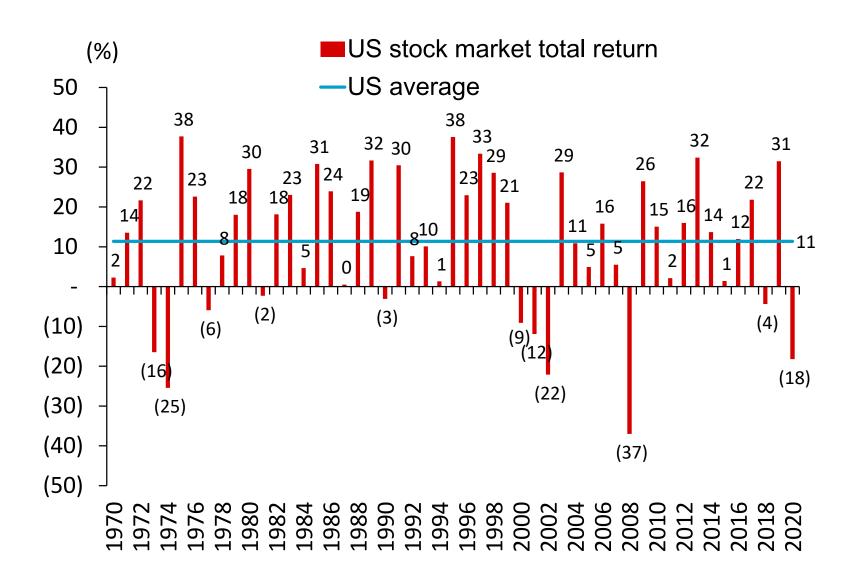
- ★ To try to predict long-term stock market returns let's look at the past
- ★ First, let's consider the US stock market over the past 50 years







11% average US market return since 1970











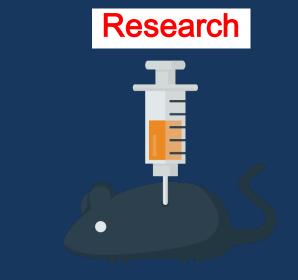




What about global stock market return?

★ The prior charts were of the US, now let's look at the US plus all other countries in the world



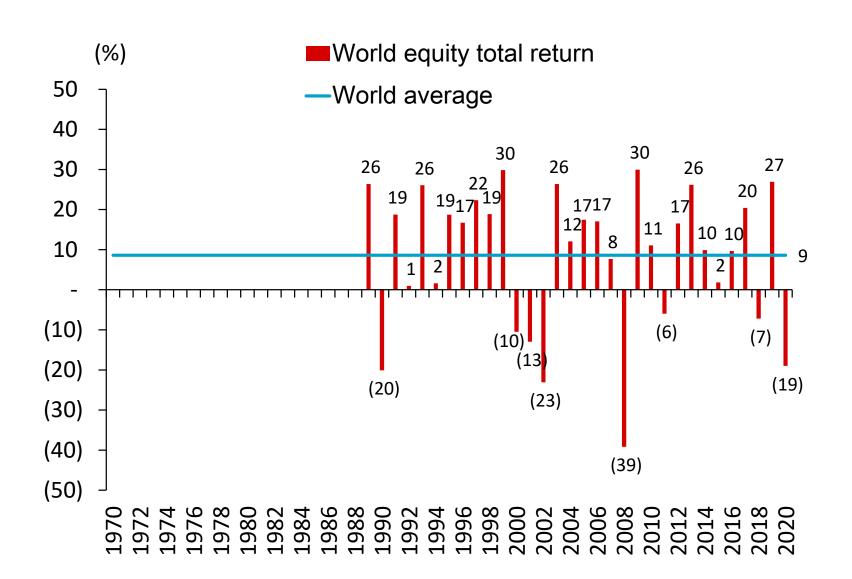








9% average global market return since 1989















- ★ The US market has swung from negative 37% to positive 38%
- ★ But has averaged 11%











★ To be conservative, maybe set your expectation of US stock market average annual returns over the coming decades to 8%











★ If you are optimistic, then 10%, pessimistic, 6%











- ★ The global market has swung from negative 39% to positive 30%
- ★ But has averaged 9%











★ To be conservative, maybe set your expectation of global stock market average annual returns over the coming decades to 6-8%











★ If you are optimistic, then 10%, pessimistic, 5%











Open the financial plan file and enter this info



Estimate your expected long-term equity return

Your expected annual return from equities (no more than 12%)

8.0



You will see this output

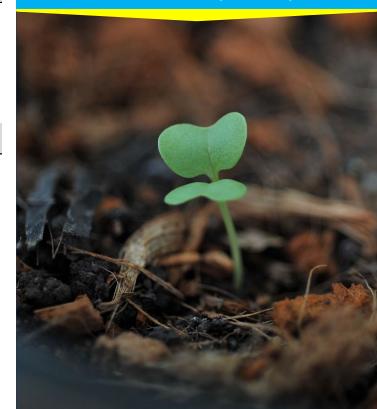


My long-term time horizon

- 1. I am 22 years old, and I want to be FI when I am 60.
- 2. I plan to live a happy life until I am 90 years old.
- 3. My investment horizon is 38 years and my retirement horizon is 30.
- 4. I will manage my money for the next 68 years.

My long-term expectations and allocations

5. I expect LT returns for stocks of about 8%.



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★ You might say, "But the stock market in MY COUNTRY was up 30% over the past year!"





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★ Remember, that this is only over one year, but you will be investing over many years





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★ The bad news is that you won't get rich in the stock market over a few years if you earn average annual returns of 8%





- ★ And, the really bad news is that you will probably earn much less than 8%
 - We'll get to that later







★ To think about this further, let's go back in time to the first day of 1900











★ Imagine a person invested \$100 in the US stock market that year and then left it to grow for 30 years, until the end of 1929











★ After 30 years, at the end of year 1929, based on actual market returns, the final sum would have grown to \$1,080 – about an 8% average annual return











★ Imagine another person start investing \$1,000 starting from each year, for 30 years











- From 1901 until 1930
- From 1902 until 1931
- * And continue until
 - From 1990 until 2019











- ★ From this we can calculate the returns in the US stock market over 30 years from each starting year until 1990
- ★ We can then calculate an average 30-year return for each decade



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Research









- ★ The average annual return for the decade of 1900-1909 was 7.1%
- ★ So the average person who invested \$1,000 for 30 years, starting in the decade of 1900-1909 would have earned an average annual return of about 7.1%

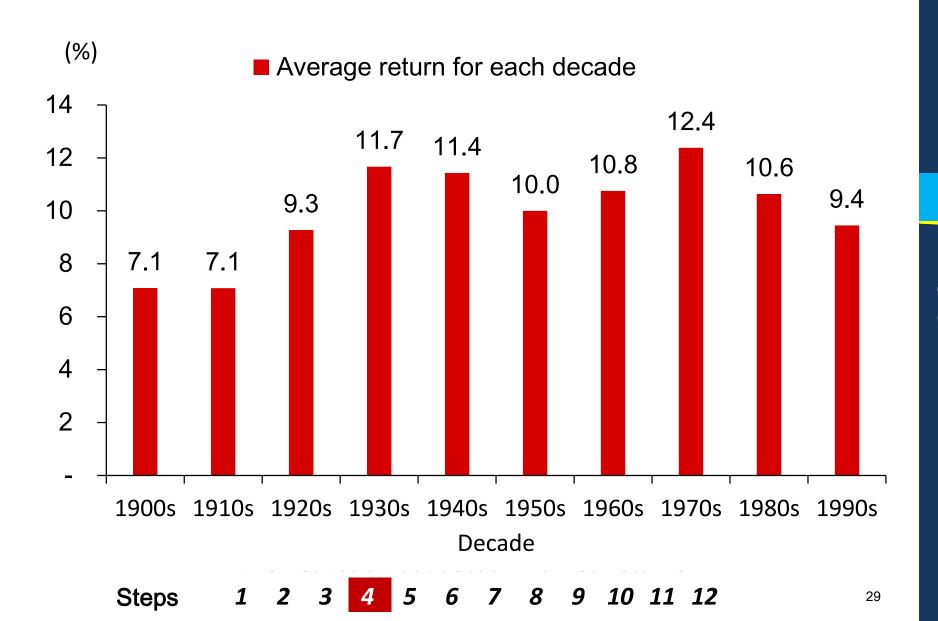














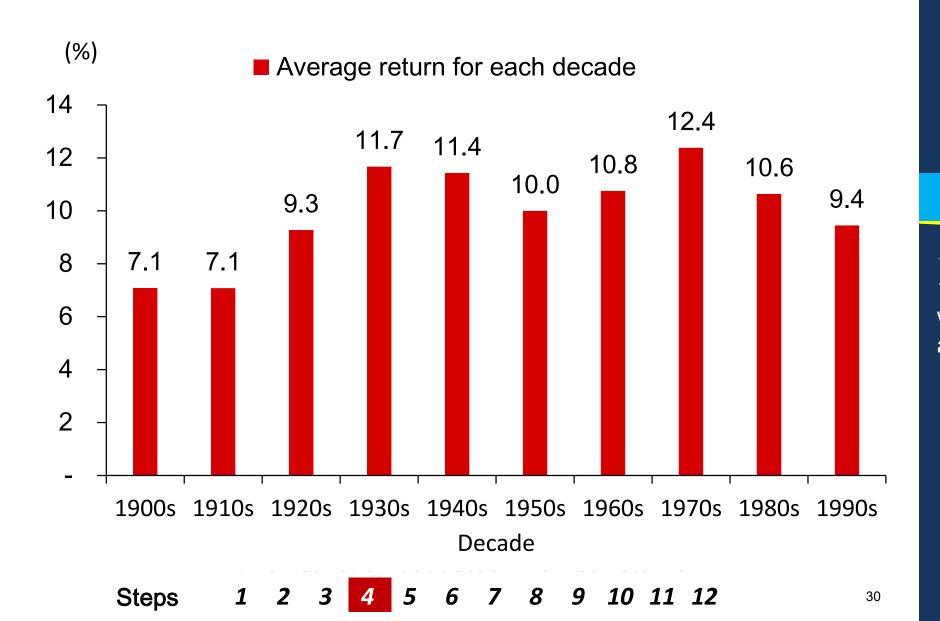
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★ Bad time to start was 1900s or 1910, you would have earned an average annual return of 7%











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★ Good time to start was 1930s, 1940s, or 1970, you would have earned an average annual return of 11-12%







★ This teaches us that just when we start investing has a big impact on our long-term returns











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- ★ Oftentimes the decade we can start investing is a matter of your date of birth, hence, a matter of luck
 - Bad luck means you need to contribute more
 - Good luck and you need to contribute less









Now the bad news

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- ★ We all know it is impossible to consistently predict the future
- ★ And that nobody can consistently predict stock market returns







Be careful of advice from professionals!

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- ★ A financial professional may advise you not to invest for your first decade because he thinks the stock market is expensive
- * At another time, he may advise you to wait until the market gets cheap







Be careful of advice from professionals!

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★ But if you get out of the stock market, then you would miss the long-term compounding effect that you need in order to create wealth





Be careful of advice from professionals!

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★ And, even if he was right (a 50/50 chance), he would still have to correctly predict the right time to tell you to put your money into the market





Be careful of advice from professionals!

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★ And you would need to have nerves of steel to follow his advice!





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★ So now you are realistic about stock market returns and expect about an 8% average annual return over your lifetime





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★ You know that this 8% is a long-term average and that some years it could be as high (or low) as 40%





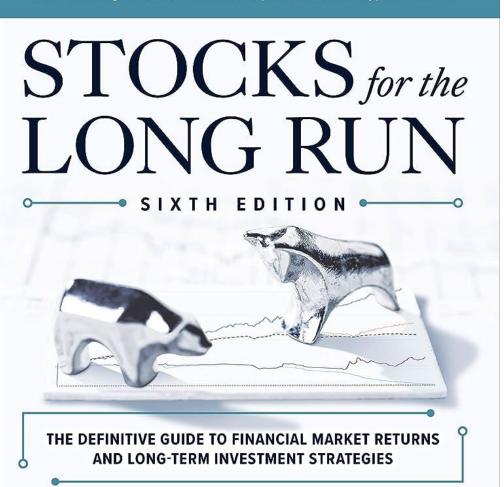
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★ You also know that this return could vary depending on when you started, but that you have no control over this





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JEREMY J. SIEGEL

with JEREMY SCHWARTZ







This is not a recommendation or investment advice.



In Siegel's "Stocks for the Long Run," he tells us to expect a 5% LT real US stock market return



This is not a recommendation or investment advice.

I became a finance teacher in Thailand in 1992









Then started as a financial analyst in 1993

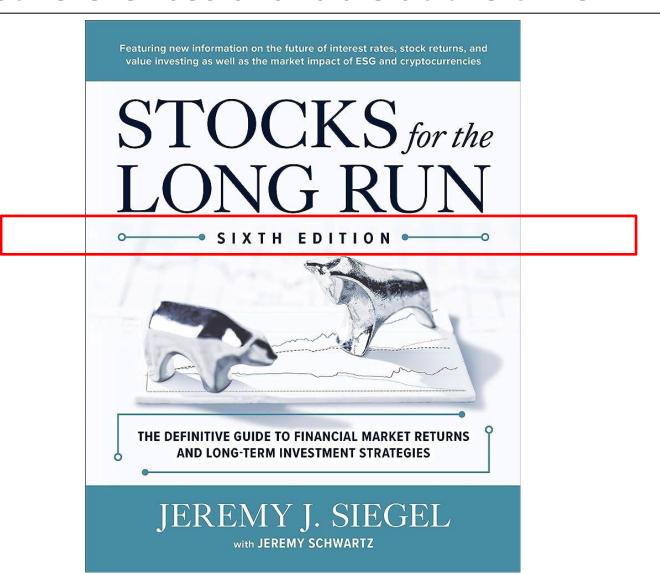




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Siegel's book came out in 1994 and was one of the best references available at the time

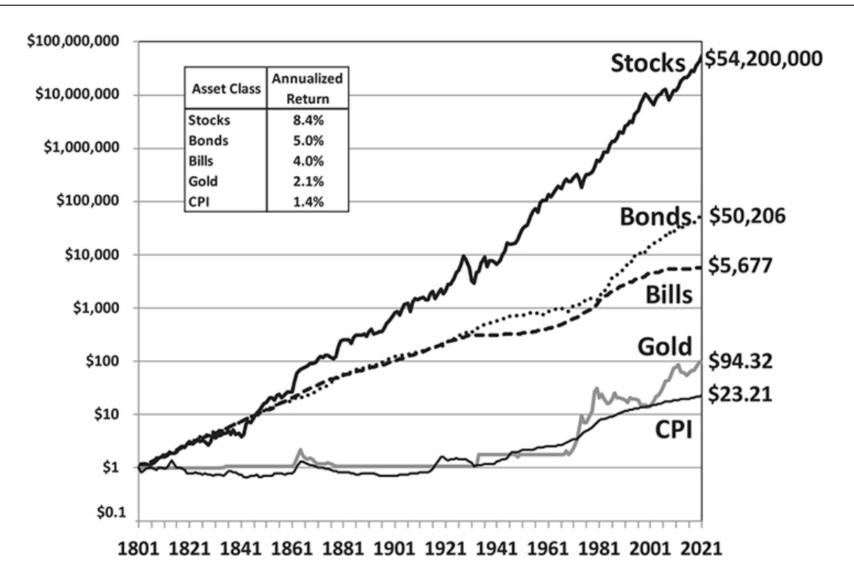




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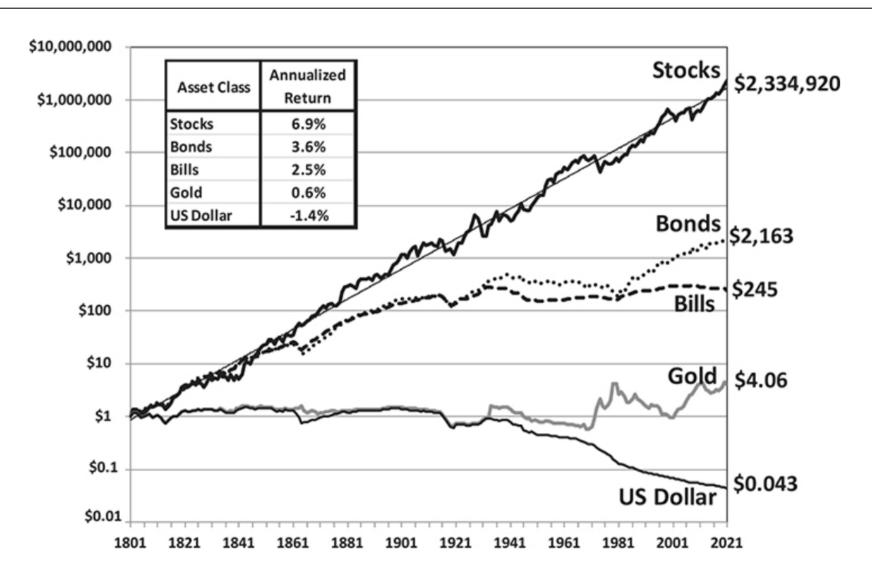
US nominal returns





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US real returns





This is not a recommendation or investment advice.

More than 200 years of returns

	Post Rev. war 219 years	
US returns (%)	1802 to 2021	
Inflation	1.4	
US Stocks	8.4	
Real	6.9	
US LT Gov't bonds	5.0	
Real	3.6	
US ST Gov't bonds	4.0	
Real	2.5	
Gold - Real	0.6	



This is not a recommendation or investment advice.

95 years of returns

	Post Rev. war	Post WWI
US returns (%)	219 years 1802 to 2021	95 years 1926 to 2021
Inflation	1.4	2.9
US Stocks	8.4	10.2
Real	6.9	7.1
US LT Gov't bonds	5.0	5.6
Real	3.6	2.6
US ST Gov't bonds	4.0	3.3
Real	2.5	0.4
Gold - Real	0.6	1.8



This is not a recommendation or investment advice.

- Higher inflation and higher nominal stock market returns, but only slightly higher real returns
- Slightly lower real LT bond return, near zero ST bond return

Post WWII/Bretton Woods 75 years of high inflation

	Post Rev. war	Post WWI	Post WWII
	219 years	95 years	75 years
US returns (%)	1802 to 2021	1926 to 2021	1946 to 2021
Inflation	1.4	2.9	3.7
US Stocks	8.4	10.2	11.3
Real	6.9	7.1	7.3
US LT Gov't bonds	5.0	5.6	5.8
Real	3.6	2.6	2.0
US ST Gov't bonds	4.0	3.3	3.9
Real	2.5	0.4	0.2
Gold - Real	0.6	1.8	1.6



This is not a recommendation or investment advice.

- Real stock returns up slightly
- Real LT bond returns down
- Real ST bond returns down to zero
- Gold outperformed ST bonds

The 21 years after the Dot Com bubble saw an unprecedented level of globalization

	Post Rev. war	Post WWI	Post WWII	Post Dot Com
	219 years	95 years	75 years	21 years
US returns (%)	1802 to 2021	1926 to 2021	1946 to 2021	2000 to 2021
Inflation	1.4	2.9	3.7	2.3
US Stocks	8.4	10.2	11.3	7.8
Real	6.9	7.1	7.3	5.2
US LT Gov't bonds	5.0	5.6	5.8	7.0
Real	3.6	2.6	2.0	4.6
US ST Gov't bonds	4.0	3.3	3.9	1.5
Real	2.5	0.4	0.2	(0.8)
Gold - Real	0.6	1.8	1.6	6.3



This is not a recommendation or investment advice.

- Inflation was down, and real US stock returns also down
- Real US LT bond returns up
- Nominal ST bond collapse, and real returns turn neg.
- Gold beats all

You can download this chart deck for free by clicking on the "Get the PDF" link at

MyWorstInvestmentEver.com

or by clicking the link in the description

Siegel's advice

- ★ Over the long-term, an investor has paid about 15x PE for about 6-7% after inflation US stock market return
- ★ In the future, expect to pay about 20x PE for about 5% after inflation return



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★ Let's move on to how to increase your chances of success in the market













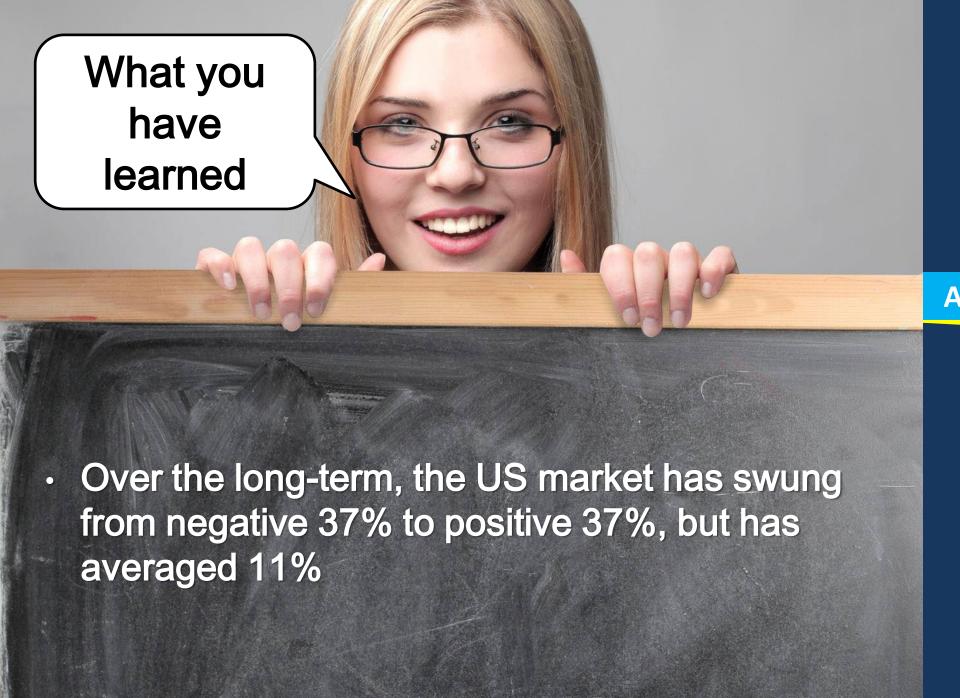
...Until YOU change the way YOU think about it







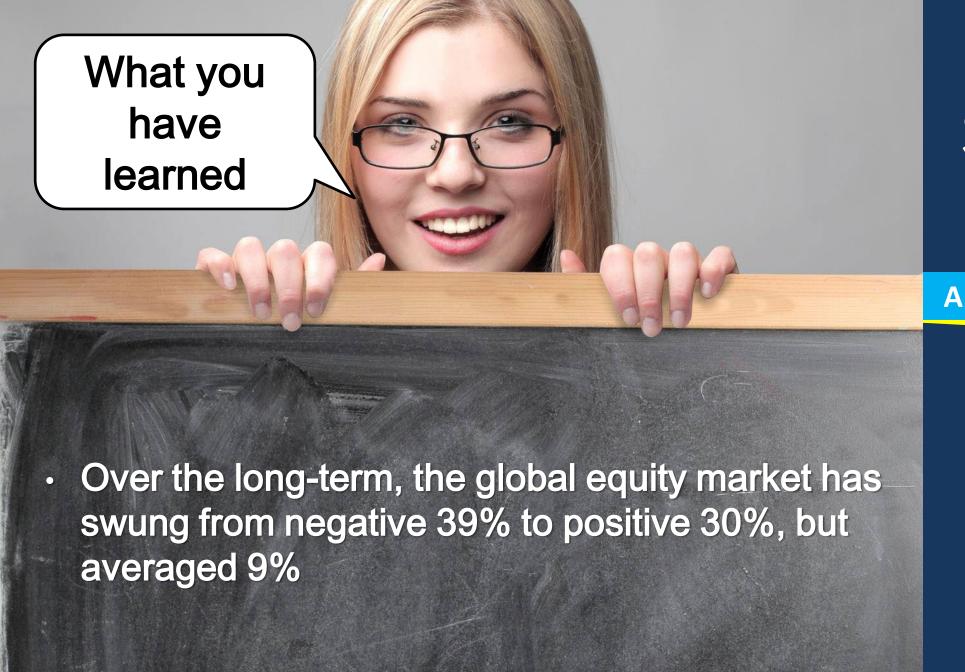




































- A realistic range of long-term equity return is between a conservative 6% and optimistic 12%
- To be safe, expect no more than about 8% for your long-term plan







Want to get rich quick in the market



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