

# UNDERSTANDING THE “ROBO-ADVISOR” LANDSCAPE

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## MICHAEL E. KITCES

MSFS, MTAX, CFP®, CLU, ChFC, RHU, REBC, CASL

**Partner.** Director of Research, Pinnacle Advisory Group

**Publisher.** The Kitces Report, [www.kitces.com](http://www.kitces.com)

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**Twitterer.** @MichaelKitces, [www.twitter.com/MichaelKitces](http://www.twitter.com/MichaelKitces)



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## UNDERSTANDING “ROBO-ADVISORS”

- Defining a “Robo Advisor”
  - Software to automate the implementation of portfolio asset allocation through algorithms
    - Determining both the assets in the portfolio, and the “matching” of the portfolio to the investor
    - Intended to be “cheaper” by eliminating human advisors
  - Other notable features
    - Automated rebalancing & tax loss harvesting
    - Fully electronic/online onboarding process
    - Excellent client experience through technology

## UNDERSTANDING “ROBO-ADVISORS”

- “Robo Advisor” versus  
Technology augmentation versus  
Online Advice
- Using technology or an online delivery model does not  
define “robo advisor” – that’s just a human using  
technology!
  - The “cyborg” or “bionic” advisor  
leverages technology **and** human interaction

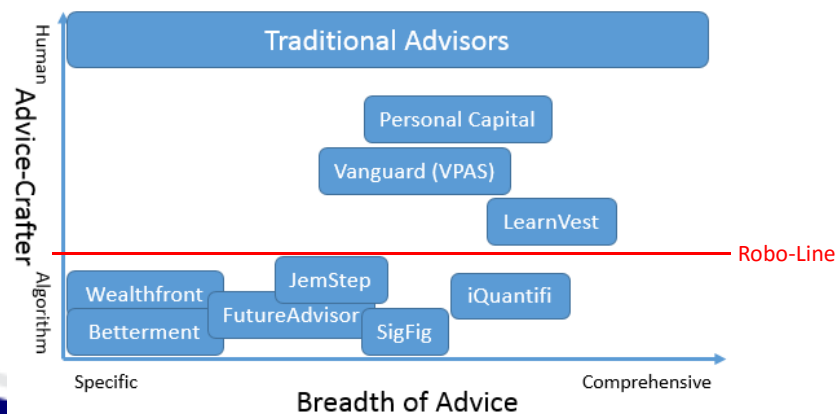
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## UNDERSTANDING “ROBO-ADVISORS”

- Framing the “Robo Advisor” landscape



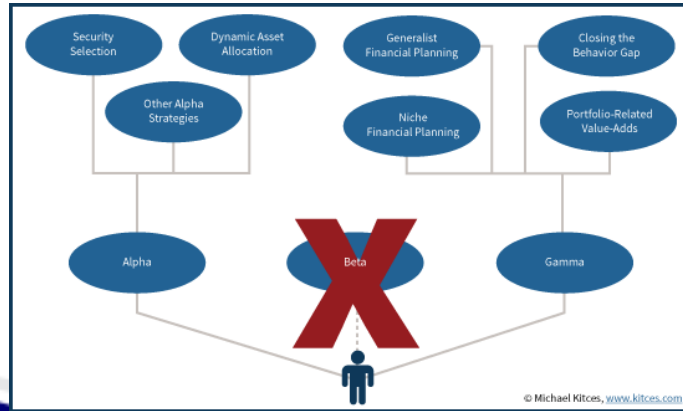
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# UNDERSTANDING "ROBO-ADVISORS"

- "Robo Advisors" driving down the cost of beta



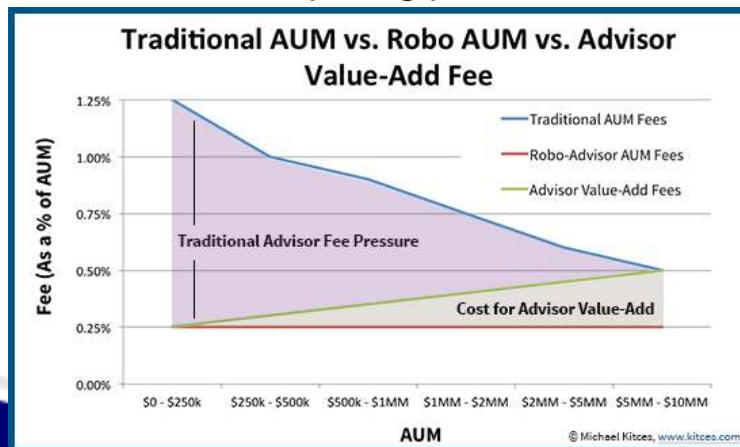
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# UNDERSTANDING "ROBO-ADVISORS"

- "Robo Advisors" & pricing pressure



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## UNDERSTANDING "ROBO-ADVISORS"

- "Robo Advisors" & who's really winning?

Firm	AUM	% Fee	Revenue
Wealthfront	\$3.0B	0.25%	\$7.5M
Betterment	\$2.6B	0.25%	\$6.5M
FutureAdvisor	\$600M	0.50%	\$3.0M
<b>Total</b>	<b>\$5.8M</b>		<b>\$17.0M</b>

- Personal Capital: \$1.5B AUM, \$13.5M revenue?
- VPAS: \$30B+ AUM, \$90M+ revenue?
- Schwab launches quasi-hybrid solution?
  - \$2B in first quarter?

## UNDERSTANDING "ROBO-ADVISORS"

- What *is* a robo-advisor really?
  - An alternative to a mutual fund?
  - A direct-to-consumer SMA?
  - A form of TAMP for advisors?
  - A distribution channel for ETFs?
  - A technology solution for managing assets?
    - Self-directed or by advisors?
  - An alternative custodial platform for advisors?

## UNDERSTANDING “ROBO-ADVISORS”

- True “Robo Advisor” threats
  - Mutual and index funds; ETFs
    - Indexing 2.0 solutions
    - Natural tax bias in favor of granularity?
  - Smart beta and algorithmic investing
    - Solved by software
  - Custodians & broker-dealer platforms
    - A generational shift underway?

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## UNDERSTANDING “ROBO-ADVISORS”

- Will “robo-advisors” pivot into new spaces?
  - Challenging of 401(k) environment
    - Recordkeeping, plan administration, in addition to “just” investment management
    - More challenging distribution?
    - Upstarts just beginning to come in
      - But will they gain traction?
    - Financial Engines just bought Mutual Fund Store!

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## UNDERSTANDING “ROBO-ADVISORS”

- Will “robo-advisors” pivot to 529 plans?
  - Structural barriers to entry make this difficult
    - Must have a state plan to ‘manage’?
    - More limited investment structures
    - Tax-favored treatment reduces relevance of typical robo-advisor tax features
  - More likely to operate as an overlay?
    - A consumer tool to help investors *choose* a 529 plan
      - The best few plans will win nearly all the assets!?

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## UNDERSTANDING “ROBO-ADVISORS”

- Where will robo-advisors go from here?
  - Blurring lines between an investment solution, a technology solution, or just a traditional solution with better technology
  - “Everyone” wants better technology
    - Robo-advisors pivoting to serve human advisors
    - Fidelity acquires eMoney, Northwestern buys LearnVest, Envestnet buys FinanceLogix

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## UNDERSTANDING “ROBO-ADVISORS”

- Where will robo-advisors go from here?
  - Robos as a distribution channel
    - Schwab launches SIP, Blackrock buys FutureAdvisor, Invesco buys Jemstep
  - Technology will increasingly drive distribution overall
    - Relevant to 529 plans as a plan-selection tool!
      - Though such tools have their own distribution and client acquisition cost challenges!

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## QUESTIONS?

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Contact: [michael@kitces.com](mailto:michael@kitces.com)

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