



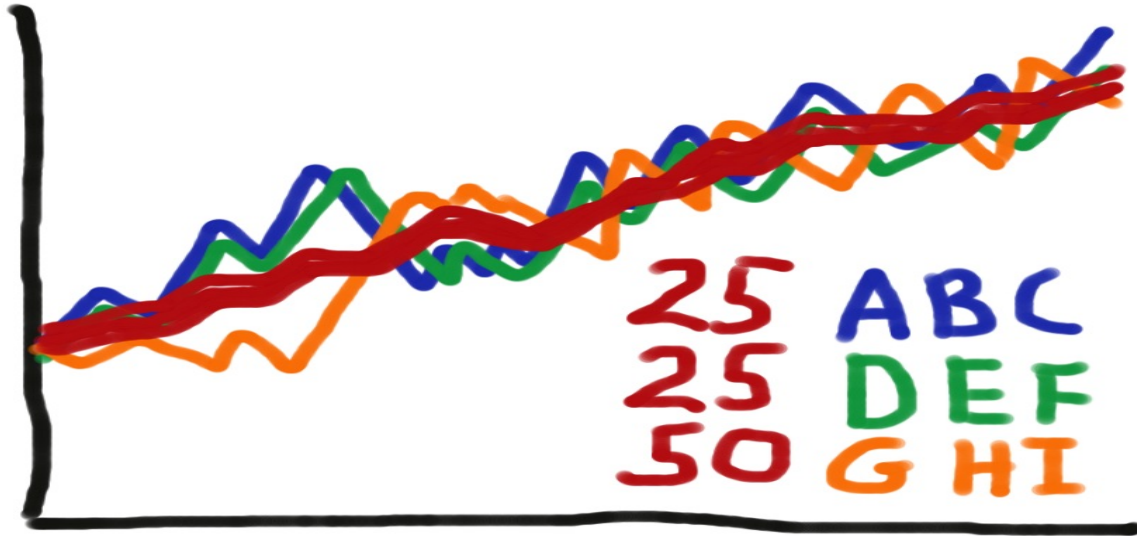
**Dr. Tucker Balch**  
Associate Professor  
School of Interactive  
Computing

# Computational Investing, Part I

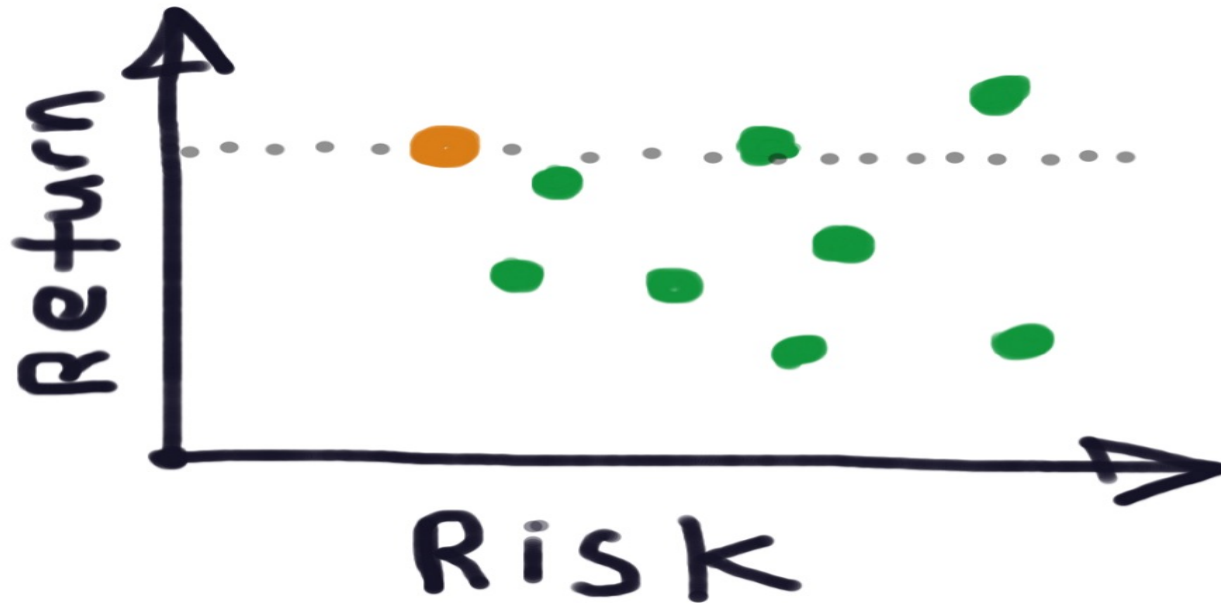
## ***114: The Efficient Frontier***

*Find out how modern electronic markets work, why stock prices change in the ways they do, and how computation can help our understanding of them. Learn to build algorithms and visualizations to inform investing practice.*

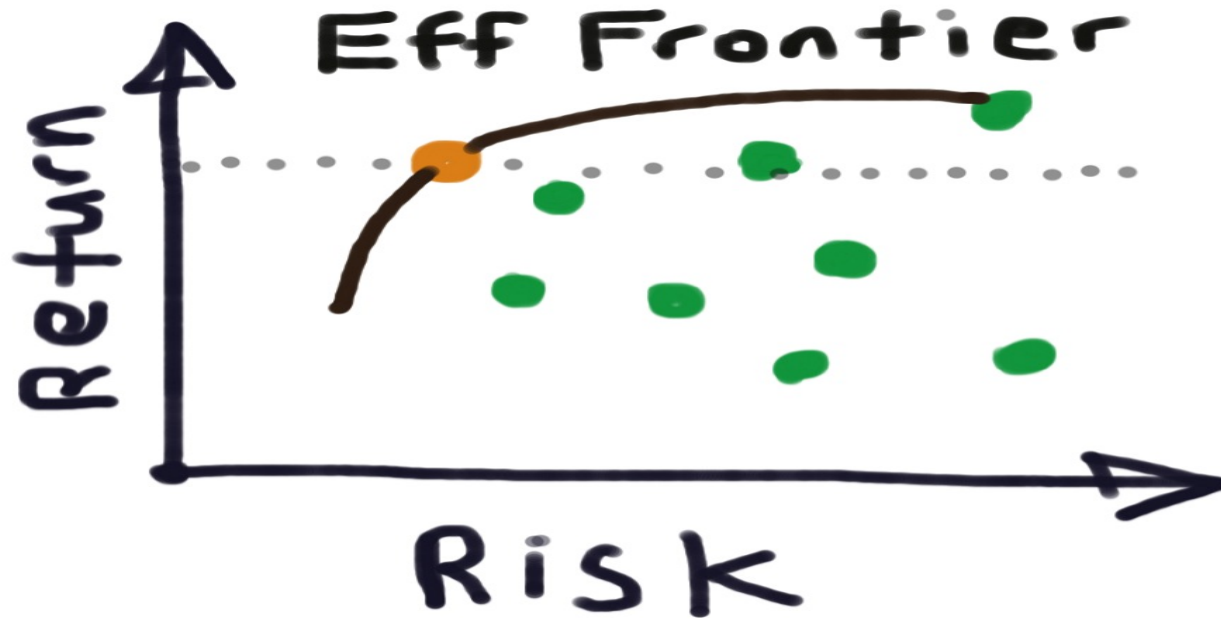
## Lower risk by combining anti-correlated equities



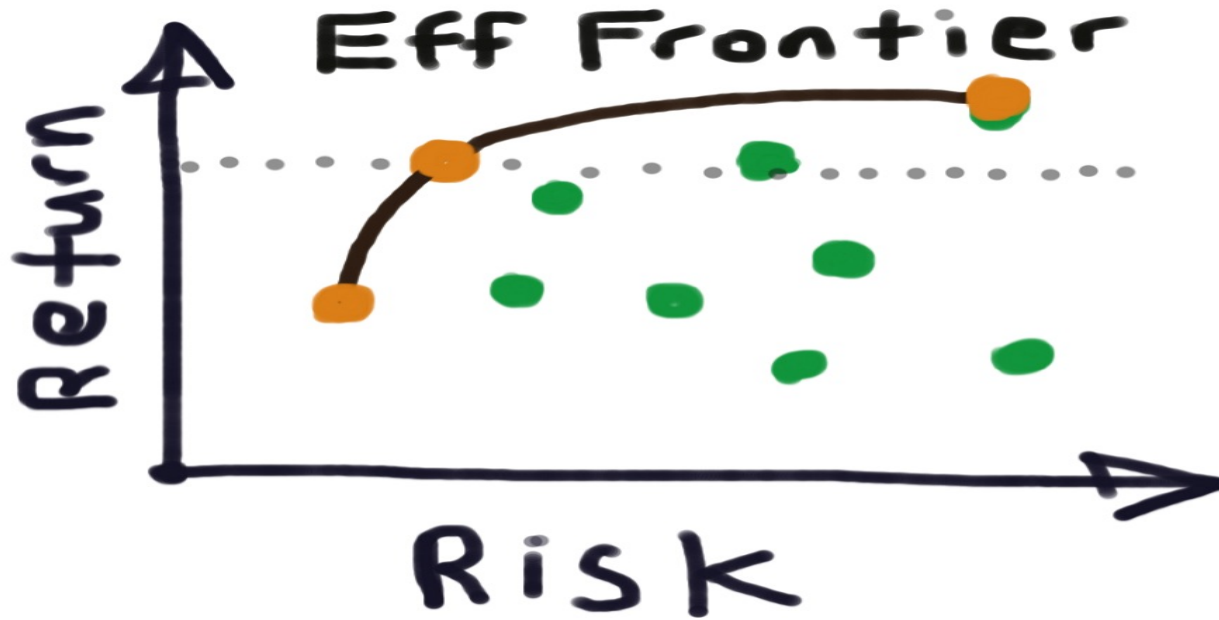
## How to Combine Them?



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◎ Next: How optimizers work.