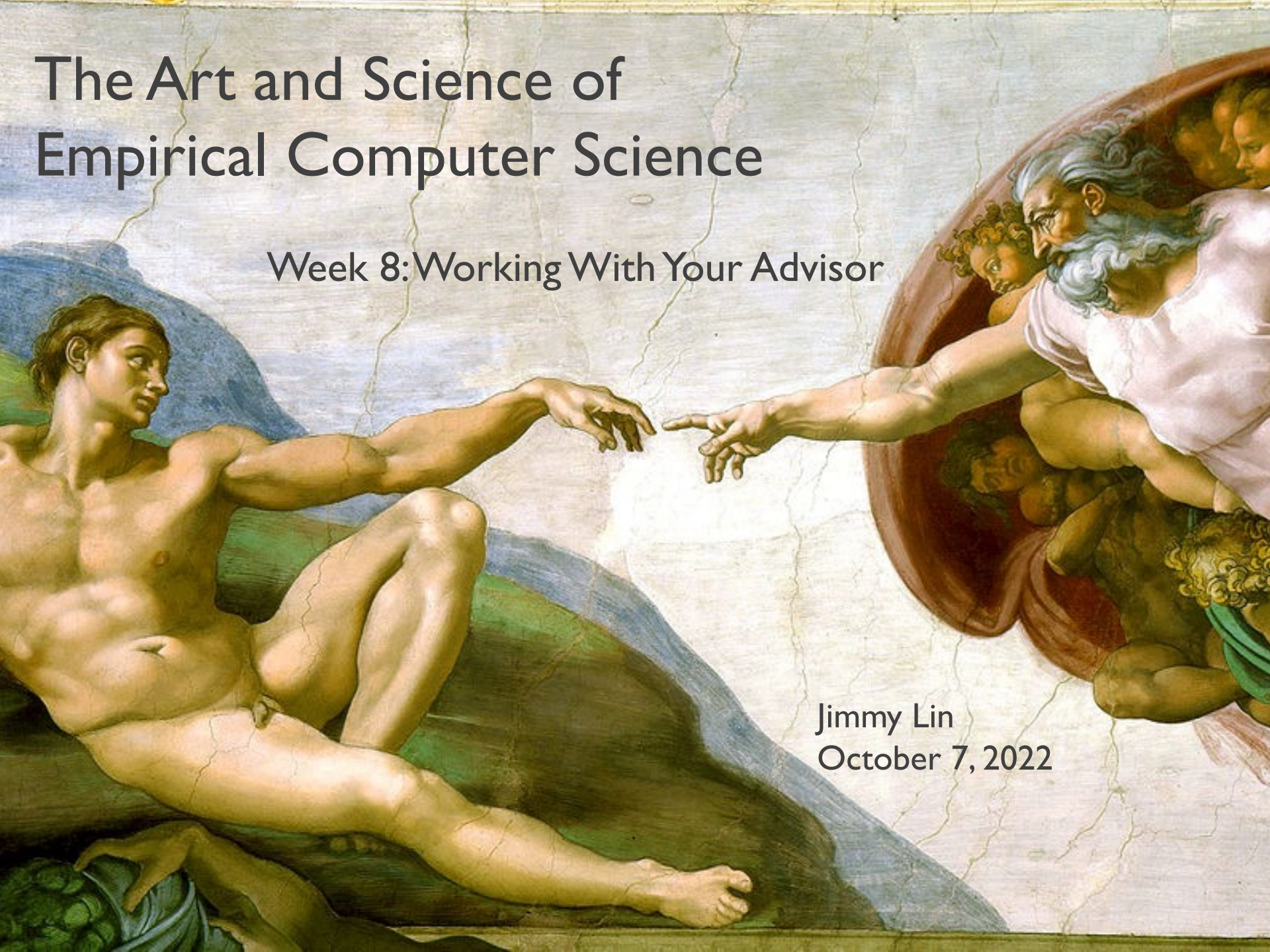


The Art and Science of Empirical Computer Science

Week 8: Working With Your Advisor

Jimmy Lin
October 7, 2022



MARRIAGE vs. The Ph.D.



Marriage



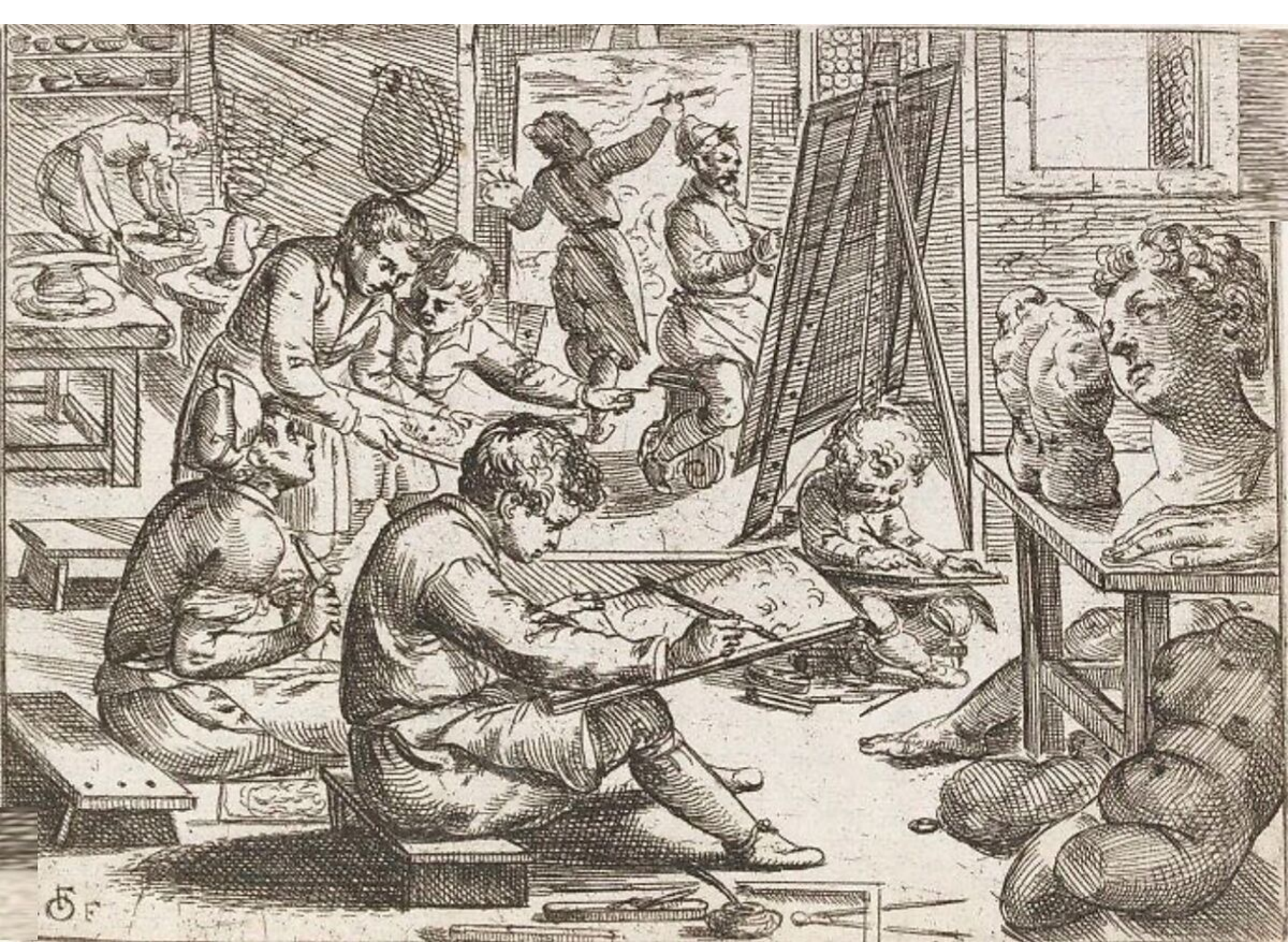
Ph.D.

Typical Length:	7.5 years	7 years
Begins with:	A proposal	A thesis proposal
Culminates in a ceremony where you walk down an aisle dressed in a gown:	✓	✓
Usually entered into by:	Foolish young people in love	Foolish young people without a job
50% end in:	Bitter divorce	Bitter remorse
Involves exchange of:	Vows	Know-how
Until death do you part?	If you're lucky	If you're lazy



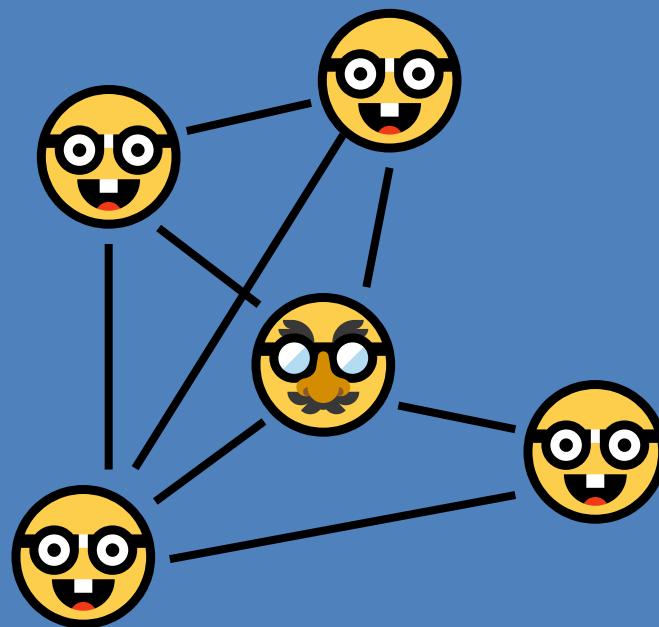
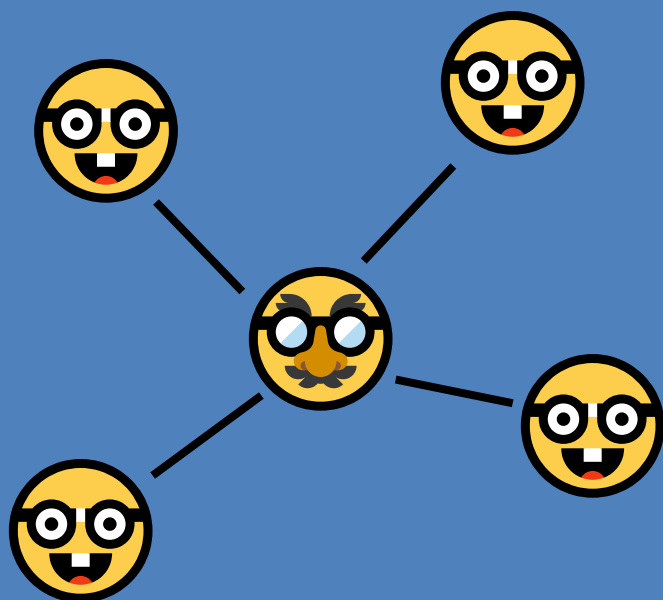
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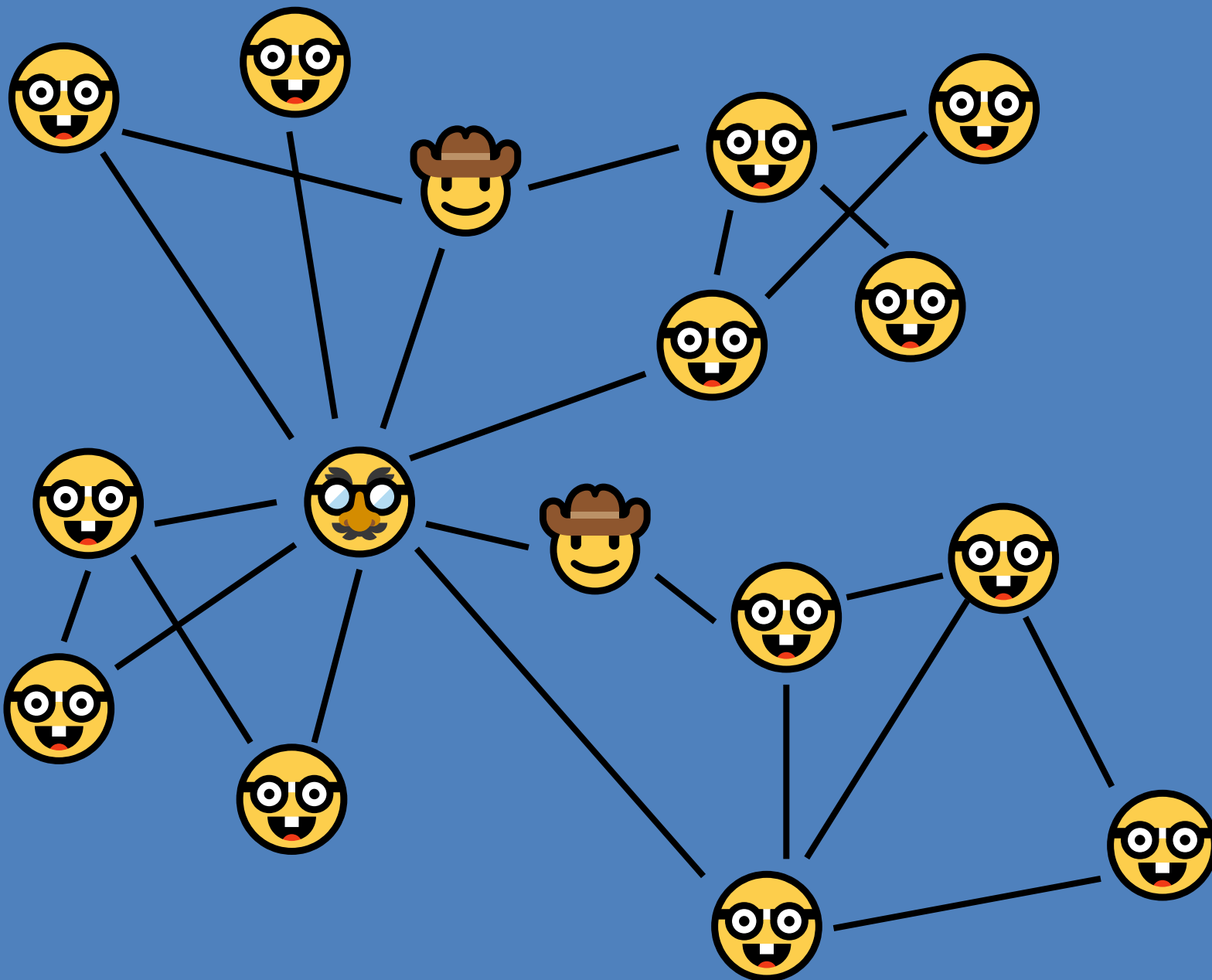
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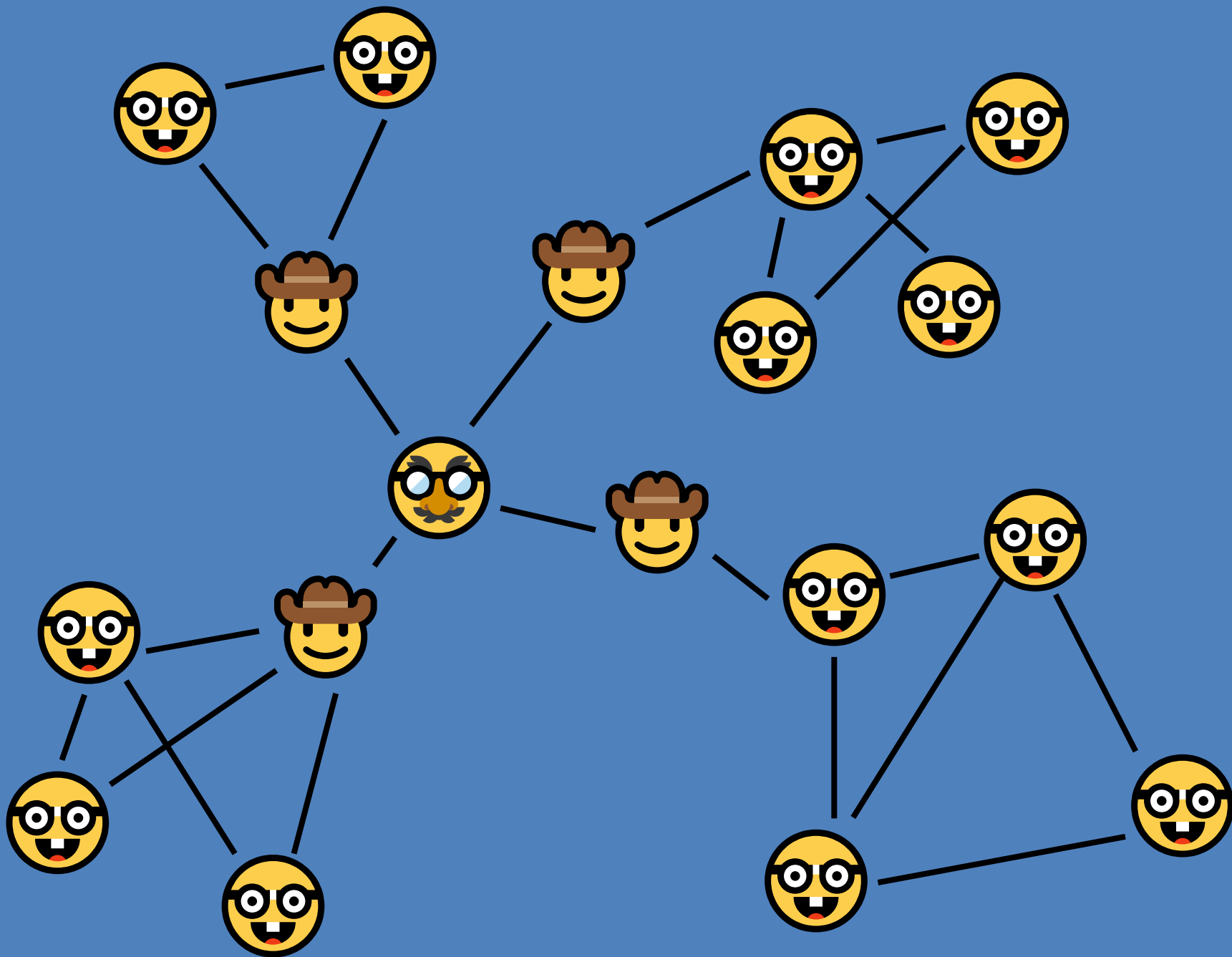




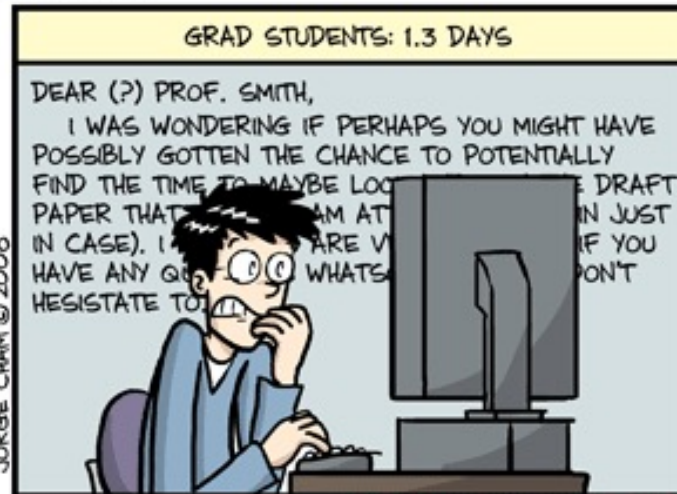
Source: Wikipedia (Charcuterie board







AVERAGE TIME SPENT COMPOSING ONE E-MAIL





Source: Wikipedia (Charcuterie board)

Modern portfolio theory (MPT), or mean-variance analysis, is a mathematical framework for assembling a portfolio of assets such that the expected return is maximized for a given level of risk. It is a formalization and extension of diversification in investing, the idea that owning different kinds of financial assets is less risky than owning only one type. Its key insight is that an asset's risk and return should not be assessed by itself, but by how it contributes to a portfolio's overall risk and return. It uses the variance of asset prices as a proxy for risk

—Wikipedia

That's all for this week!