Advance Quantitative Methods

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What are quantitative methods?

- How much? (Integration in calculus; conservation of mass)
- How fast? (Differentiation in calculus; rate equations)
- How well do we know? (Statistics)

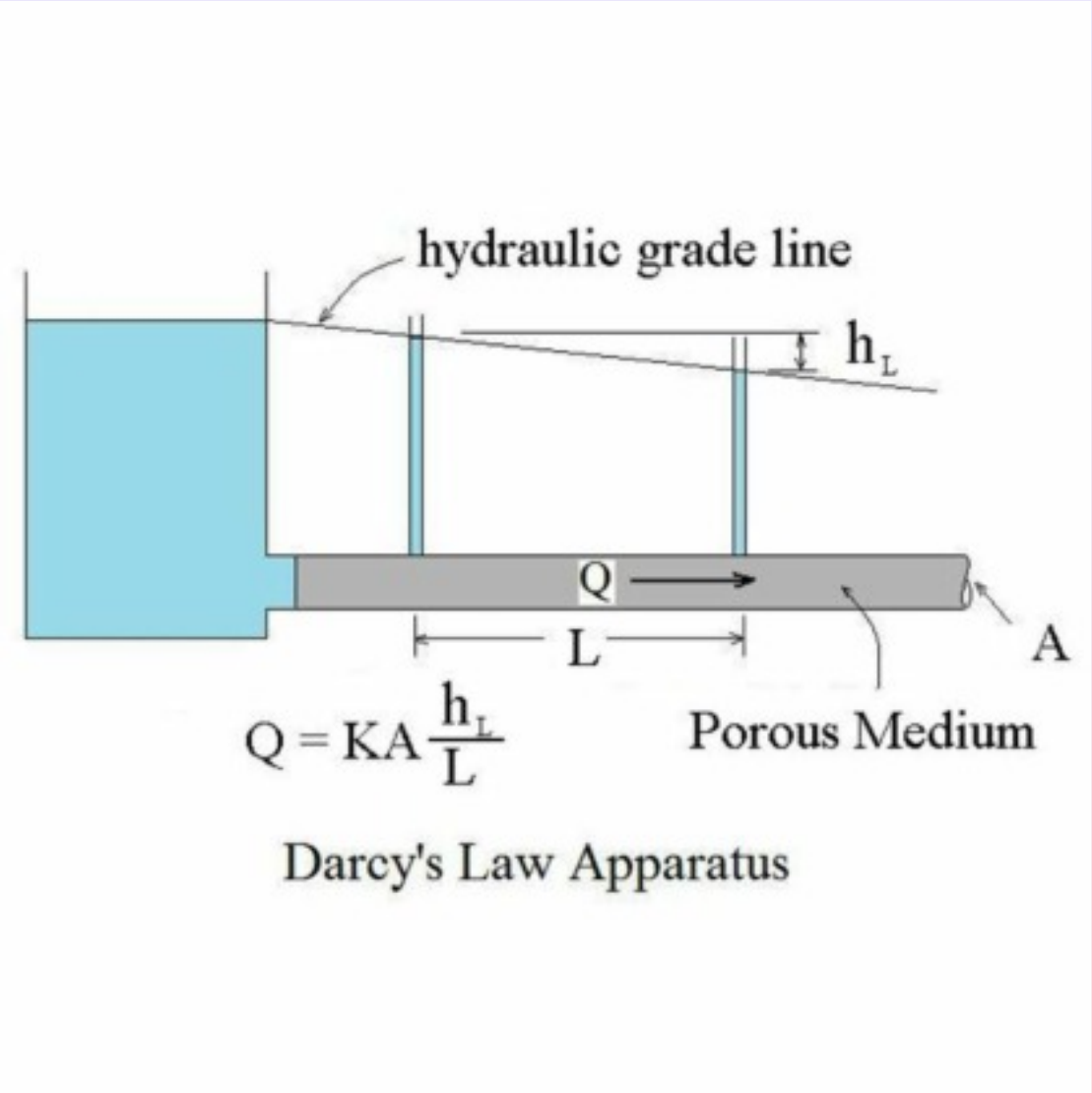
(Example of bad slide.)

How much?

- Calculus
- Integration
- Conservation of Mass

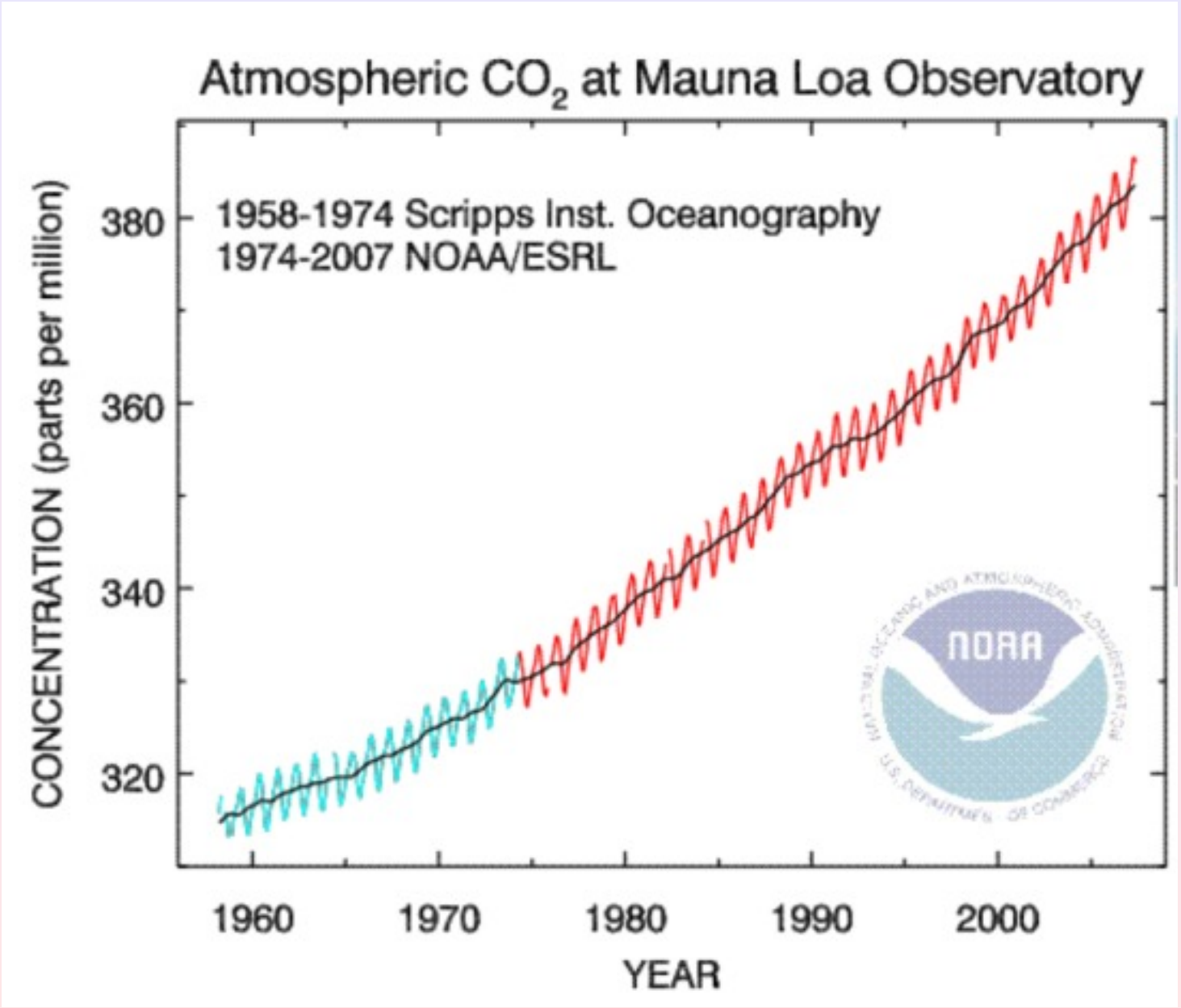
How fast?

- Calculus
- Differentiation
- Rate equations



Darcy's Law Apparatus

How well do we know?



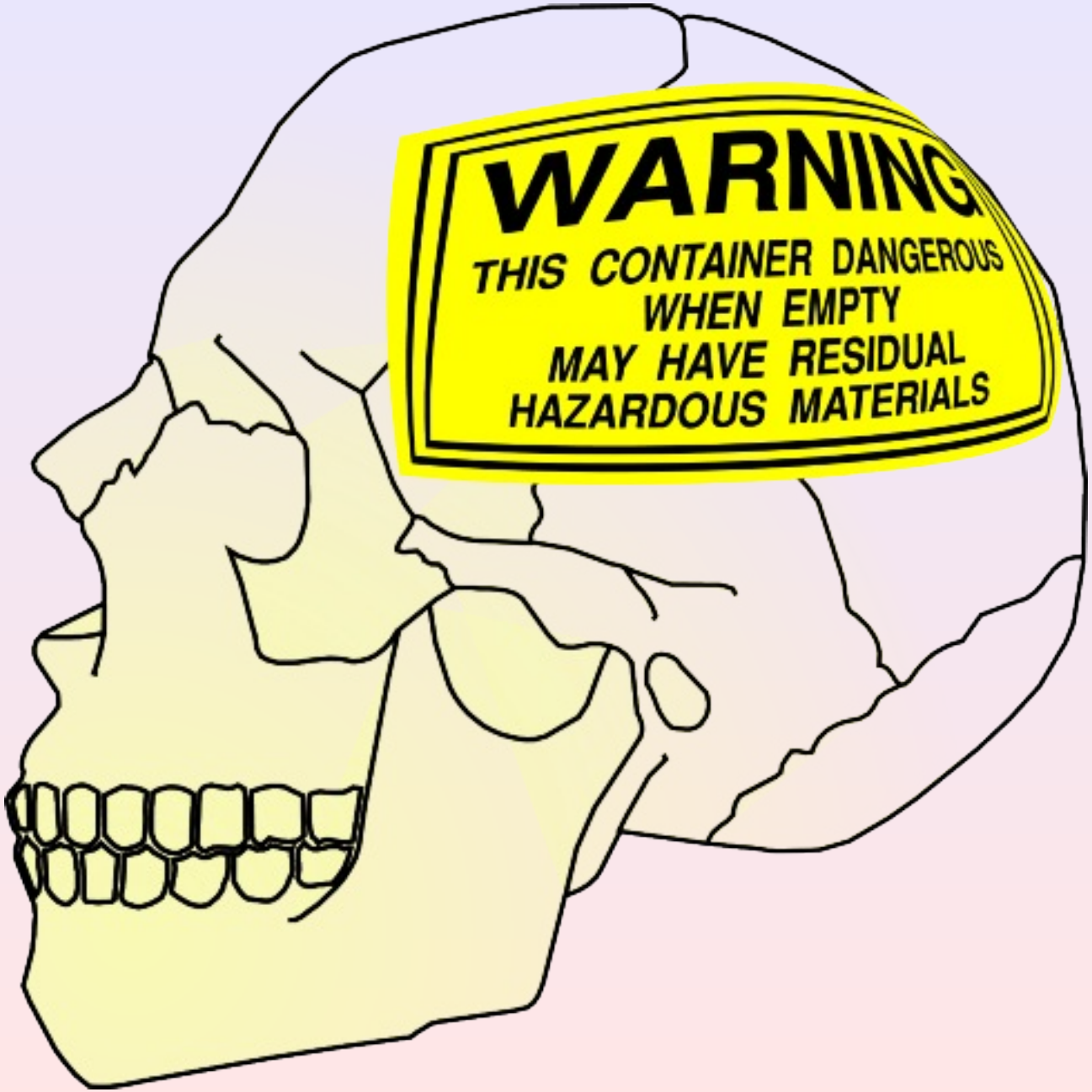
What's real and what's prejudice?

http://www.youtube.com/watch?v=hVimVzgtD6w

What are the patterns?

What is the future?

How do we test our guesses?

http://www.youtube.com/watch?v=8T_jwq9ph8k&feature=related

How well do we know it?