ELIZA BROCK
INSTRUCTOR, NASHVILLE SOFTWARE SCHOOL

LEARNING PROGRAMMING



FRAMING THE PROBLEM



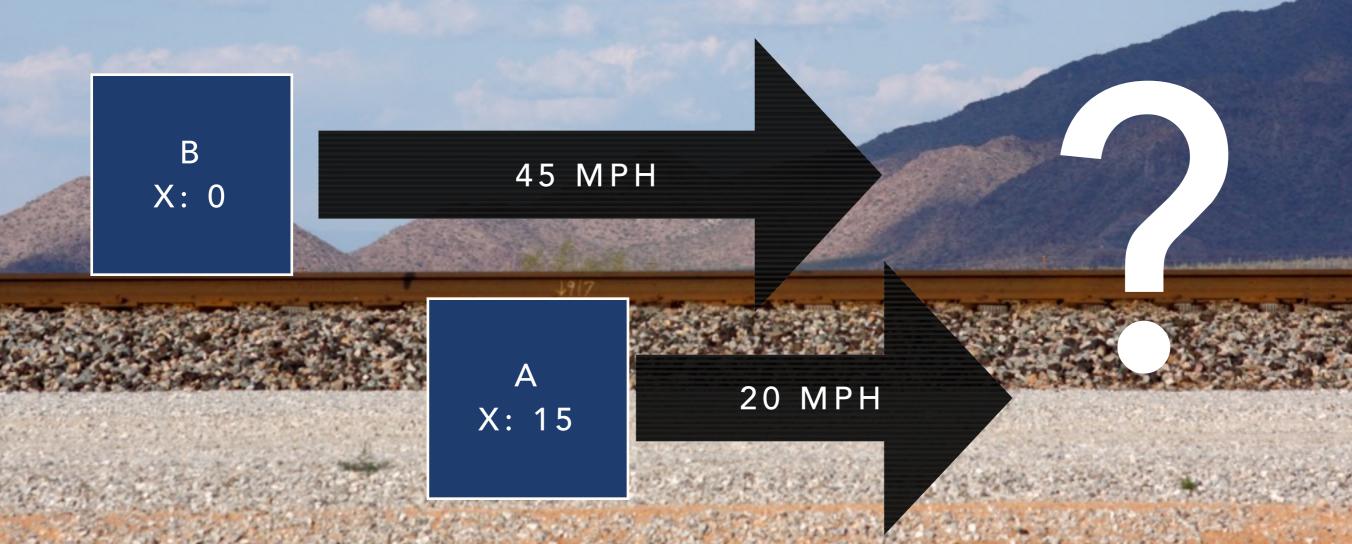
TWO TRAINS:

- Train A leaves the station at 2:15, going 20 miles per hour
- Train B Leaves the station at 3:00, going 45 miles per hour
- When do they collide?



THE HARD WAY:

TRAIN A LEAVES THE STATION AT 2:15, GOING 20 MILES PER HOUR TRAIN B LEAVES THE STATION AT 3:00, GOING 45 MILES PER HOUR



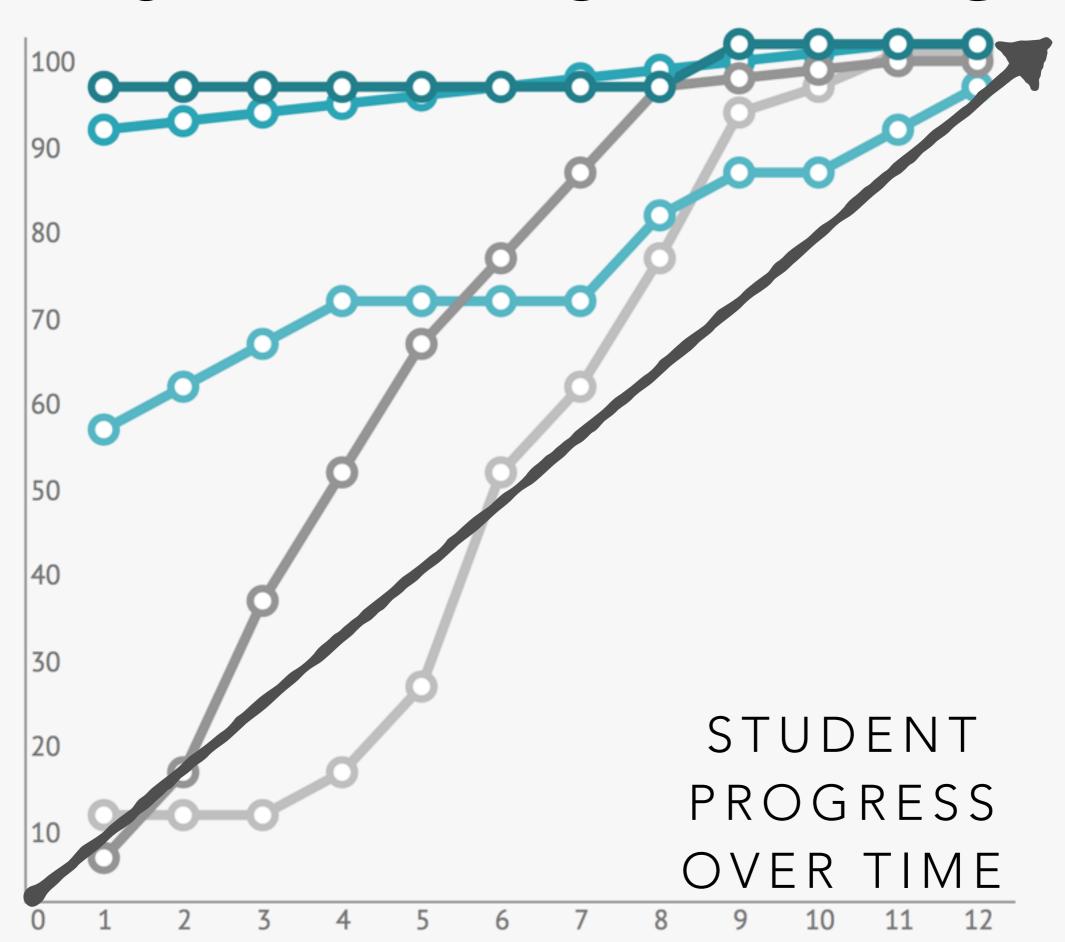
THE EASY WAY: REFRAME THE PROBLEM

TRAIN A LEAVES THE STATION AT 2:15, GOING 20 MILES PER HOUR TRAIN B LEAVES THE STATION AT 3:00, GOING 45 MILES PER HOUR

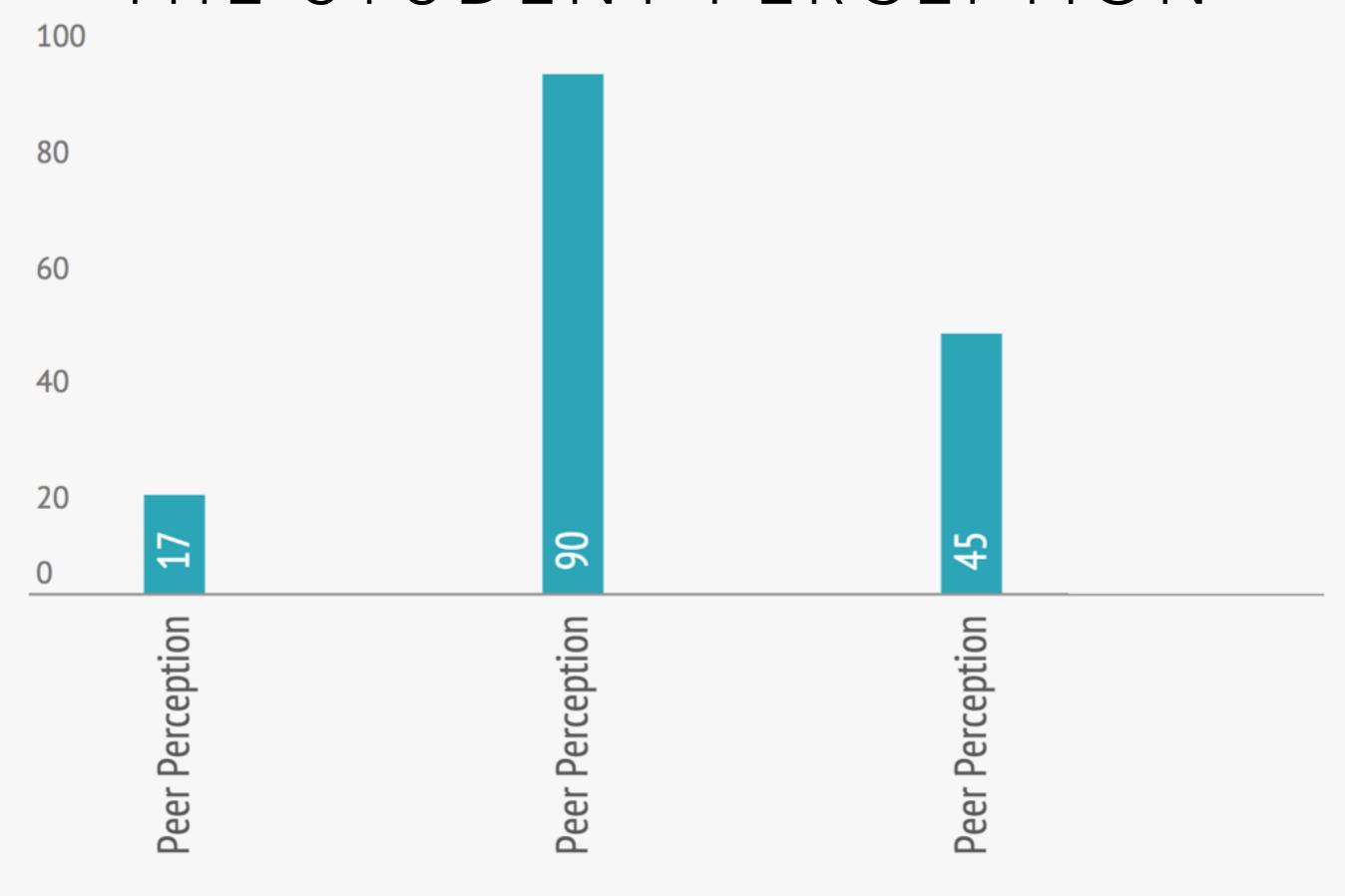


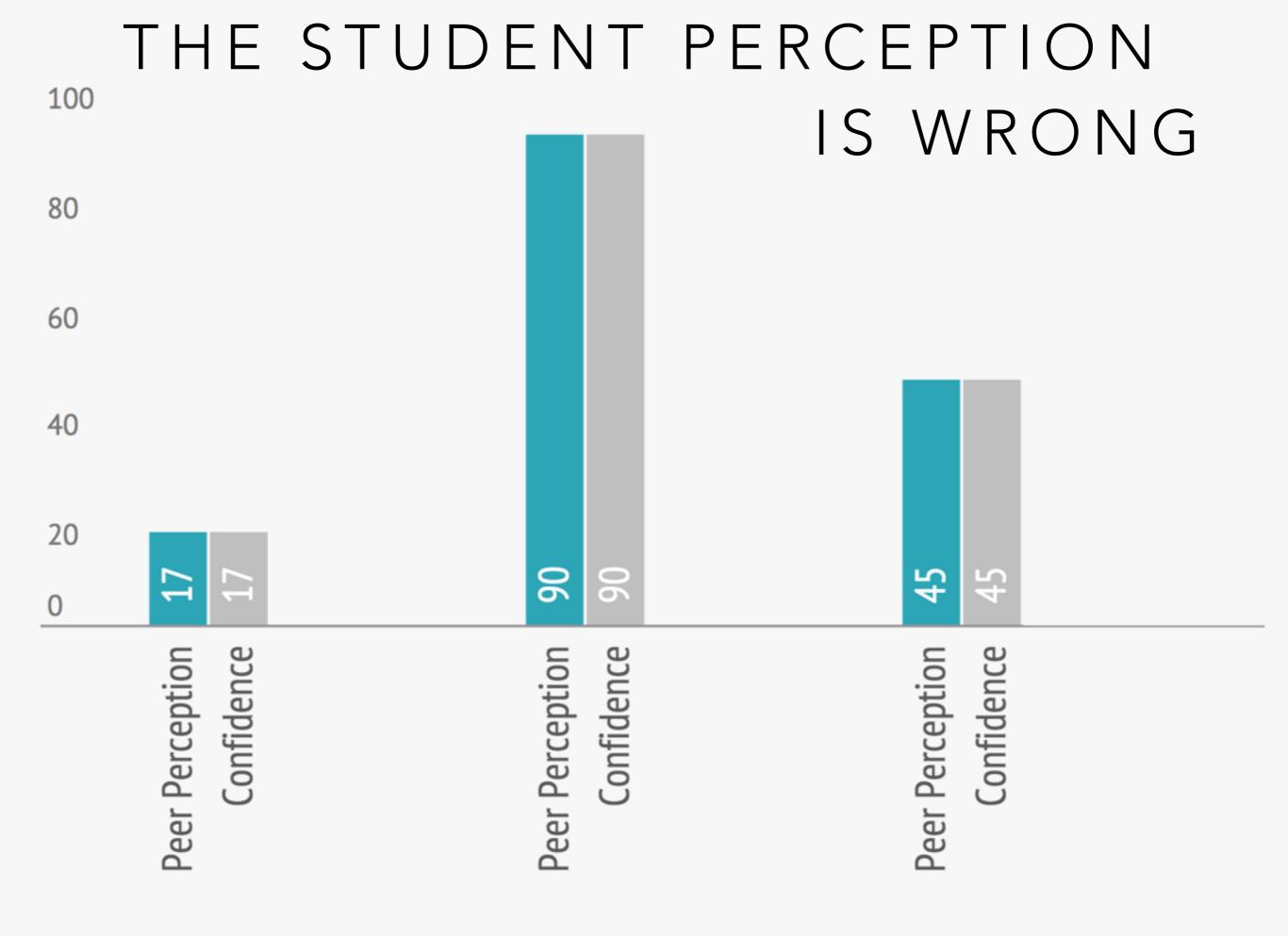


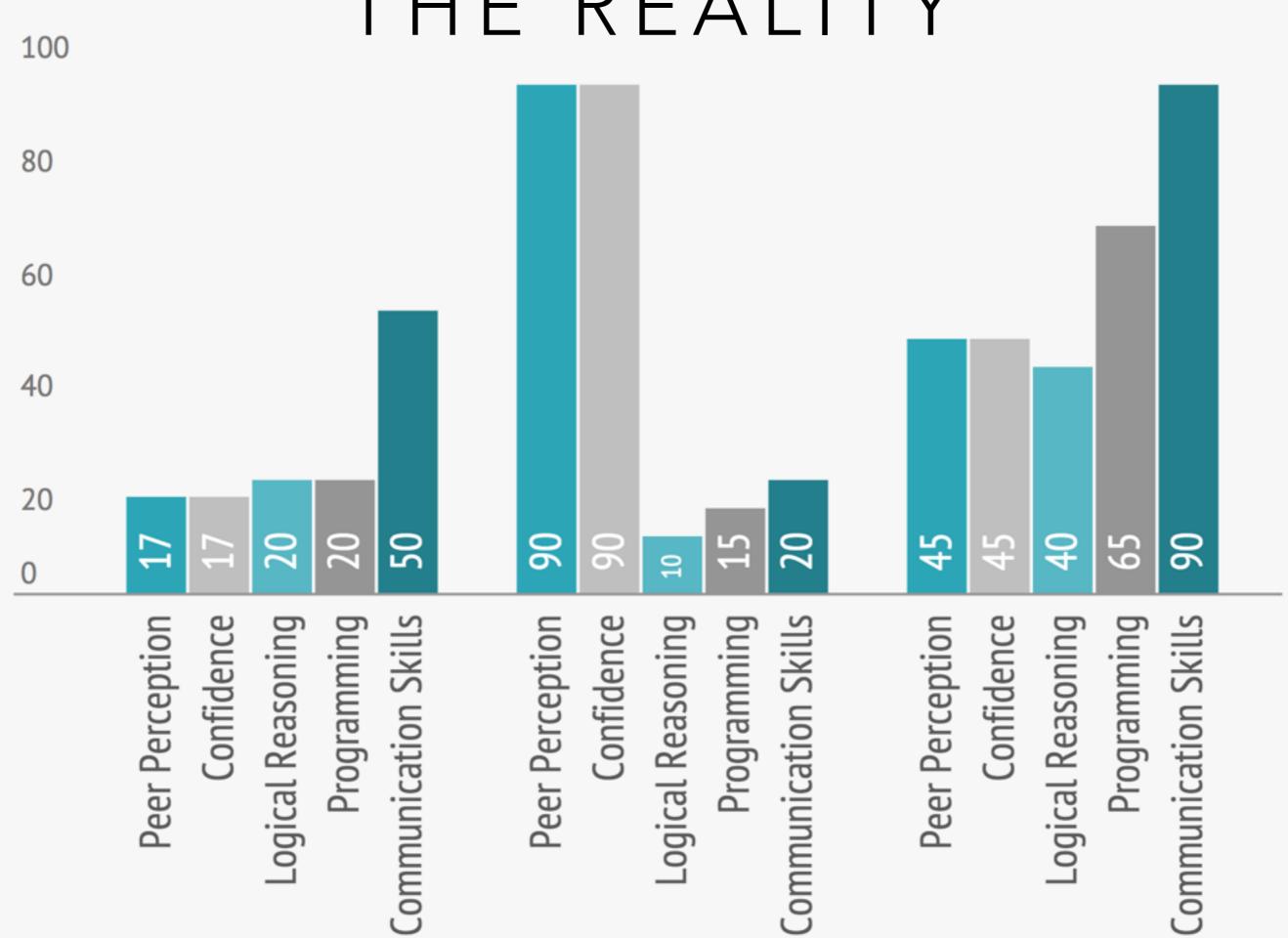
AIM UP AND TO THE RIGHT



THE STUDENT PERCEPTION







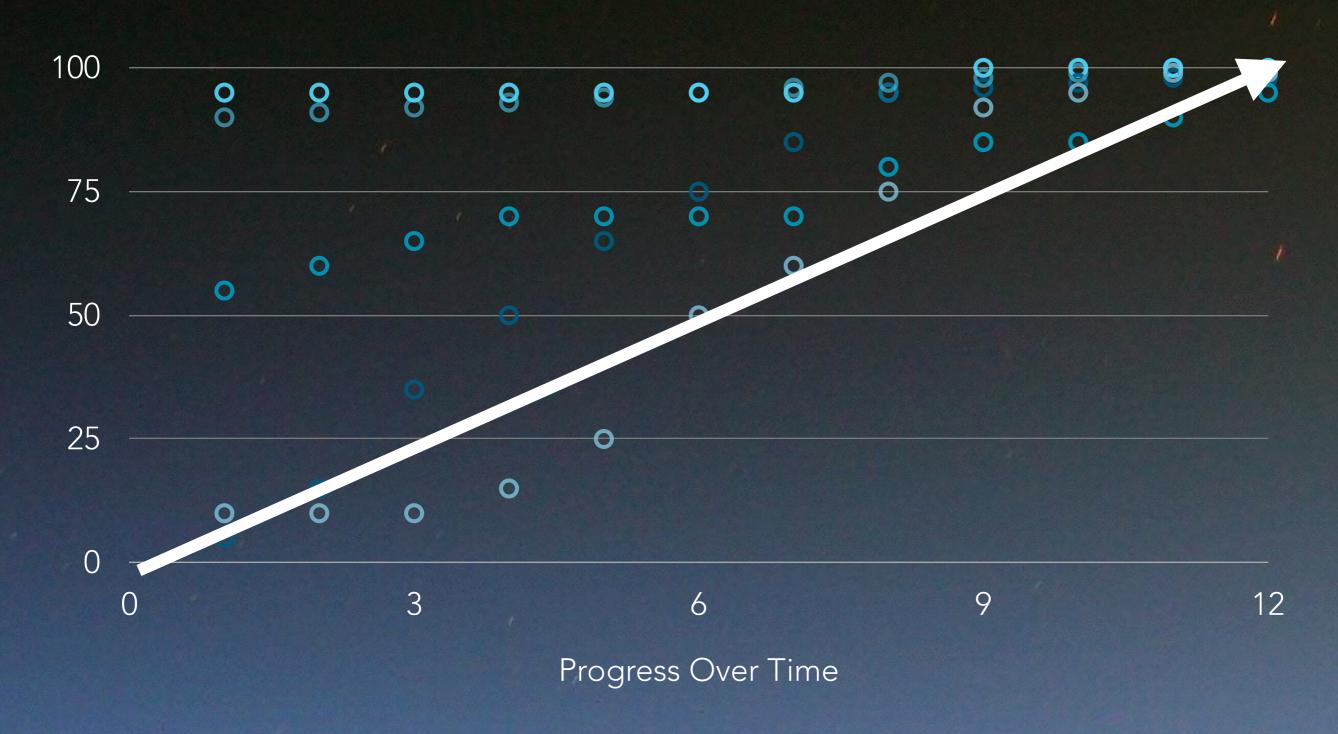
THE DUNNING-KRUGER EFFECT



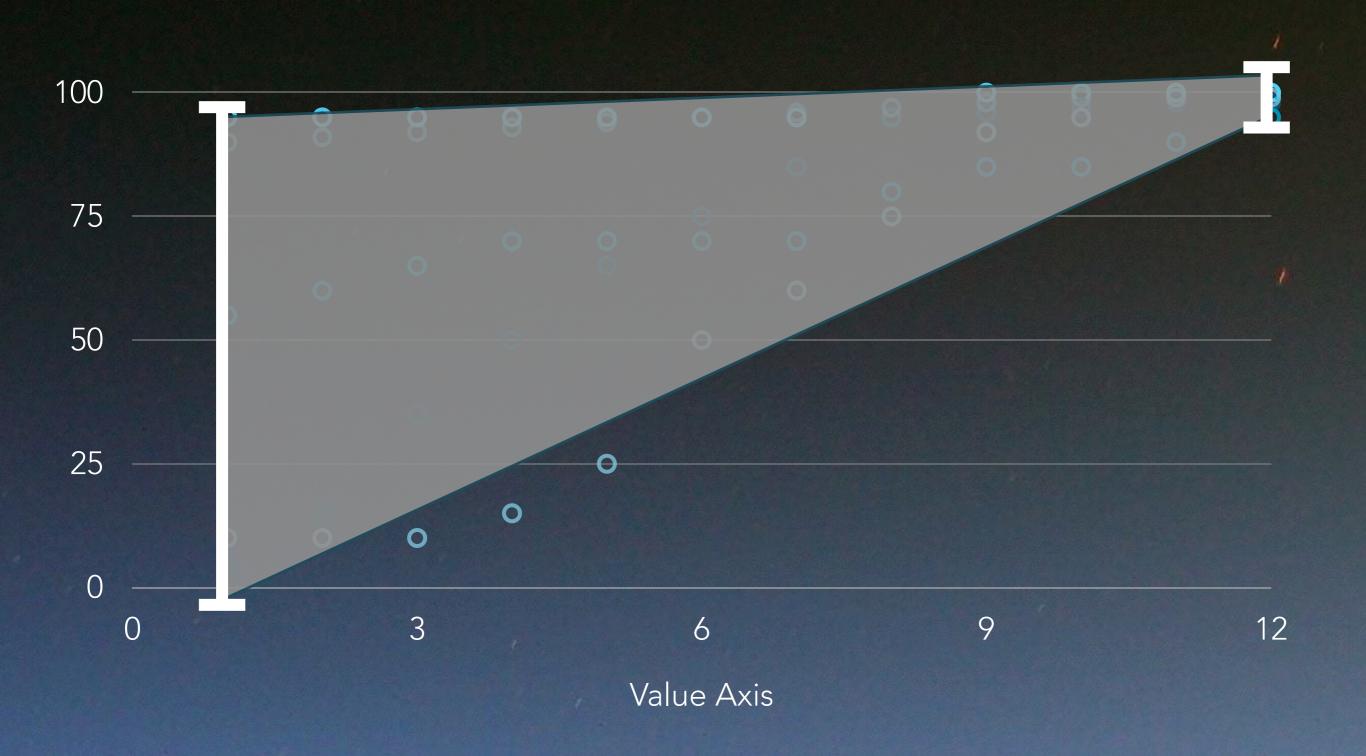




YOUR JOB IS TO GET UP AND TO THE RIGHT



MY JOB IS TO GET YOU BUNCHED UP



YOU HAVE TO DO IT, NOT READ IT



DON'T DISTRACT YOUR PEERS

NO: SOCIAL MEDIA, GAMING, SMS, IM, SLEEPING.

YES: LISTENING. ASKING QUESTIONS. TAKING NOTES, ON PAPER.



THERE ARE [ADJECTIVE] QUESTIONS. ASK THEM ANYWAY



SERIOUSLY.

OTHER THINGS

- Daily schedule (breaks/etc.)
 - It will vary
 - Break Schedule (Ask!)
 - Tomorrow proves the rule
- Absences:
 - Scheduling appointments
 - Illness
- Starting Your Toolbox:
 - Backups
 - Display Adapters

- When to ask questions
 - Hint: not while I'm eating
 - In class vs. Outside of class
- Your Tools:
 - Nutrition
 - Patience
 - Resilience
 - Sleep
 - Time Expectations

IMAGE CREDITS:

Girl with Camera: http://www.flickr.com/photos/skippy/208393621/

Train Station: http://www.flickr.com/photos/brostad/2764467121/

Train Tracks: http://www.flickr.com/photos/pagedooley/3351663193/

Citadel: http://www.flickr.com/photos/47283811@N06/11653306543/

Girl with Hands on Ears: http://www.flickr.com/photos/bolonski/6899771379/

Graphs created with: https://infogr.am

Tent in the Mountains: default Keynote stock imagery

Dodo: http://www.flickr.com/photos/arminflikr/55192044/

Starry Evening: http://www.flickr.com/photos/izzie_whizzie/1172195060/

Foggy Day: http://www.flickr.com/photos/alicepopkorn/8141067886/