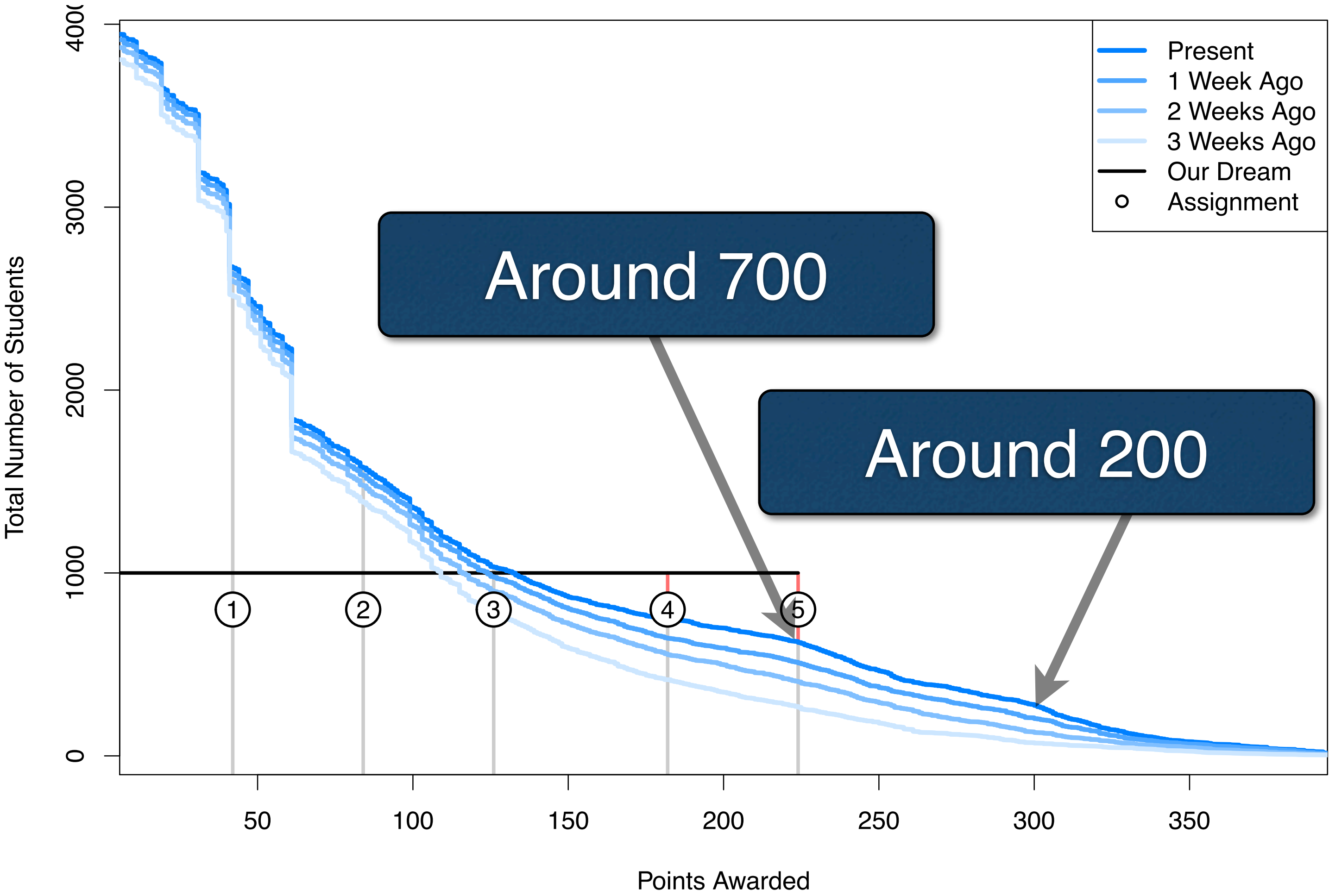


Discrete Optimization

Mail Bag - Week 8

Pride and More

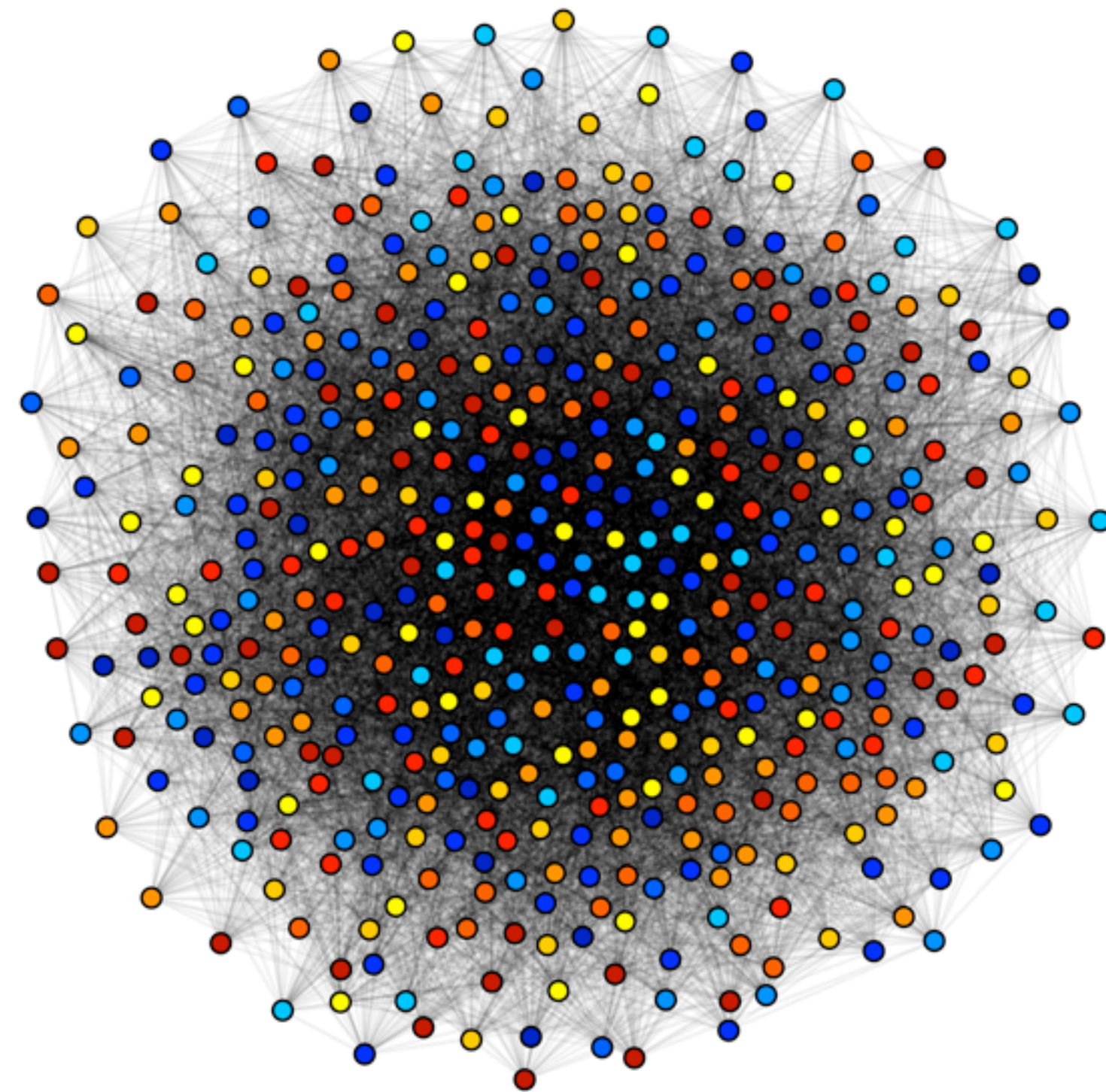
► You guys and gals are just AMAZING!



Course T-Shirts

optimization for everyone

coursera



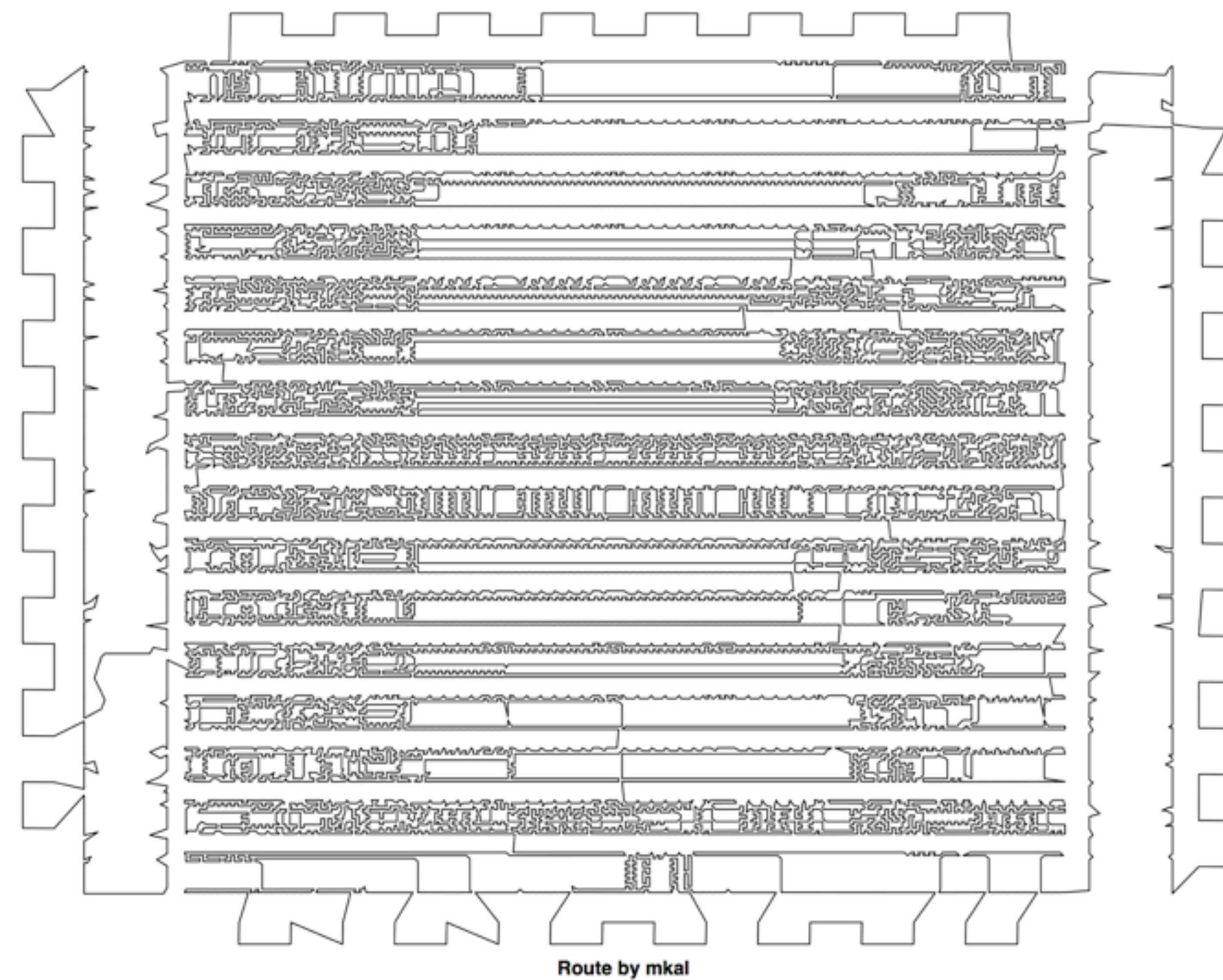
Coloring by aleksey



www.zazzle.com/discreteoptimization

Course T-Shirts

**I found the optimal route through 33810 points
and all I got was this lousy T-shirt**



www.zazzle.com/discreteoptimization

Overview

- ▶ Class T-Shirts
- ▶ Post-Course **Survey**
- ▶ **TA** Program
- ▶ **Opportunities**
- ▶ Class **Stats** Update
- ▶ **Final** week

Post-Course Survey

- ▶ Help us understand how the course topics were received
 - CP / LS / MIP
- ▶ Help us calibrate the assignment difficulty
 - Knapsack / Coloring / TSP / Warehouse / VRP
- ▶ Thanks & Thoughts Posts
 - we want more of your thoughts!
 - use the **your story** forums
 - we will read ALL of your comments

What is the TA Program?

- ▶ Range of commitments
 - least commitment
 - Community TA for future sessions (moderate the forums)
 - most commitment
 - help develop new and interesting course material
 - help **shape** the next session
- ▶ See the TA Program video for more info!

Opportunities

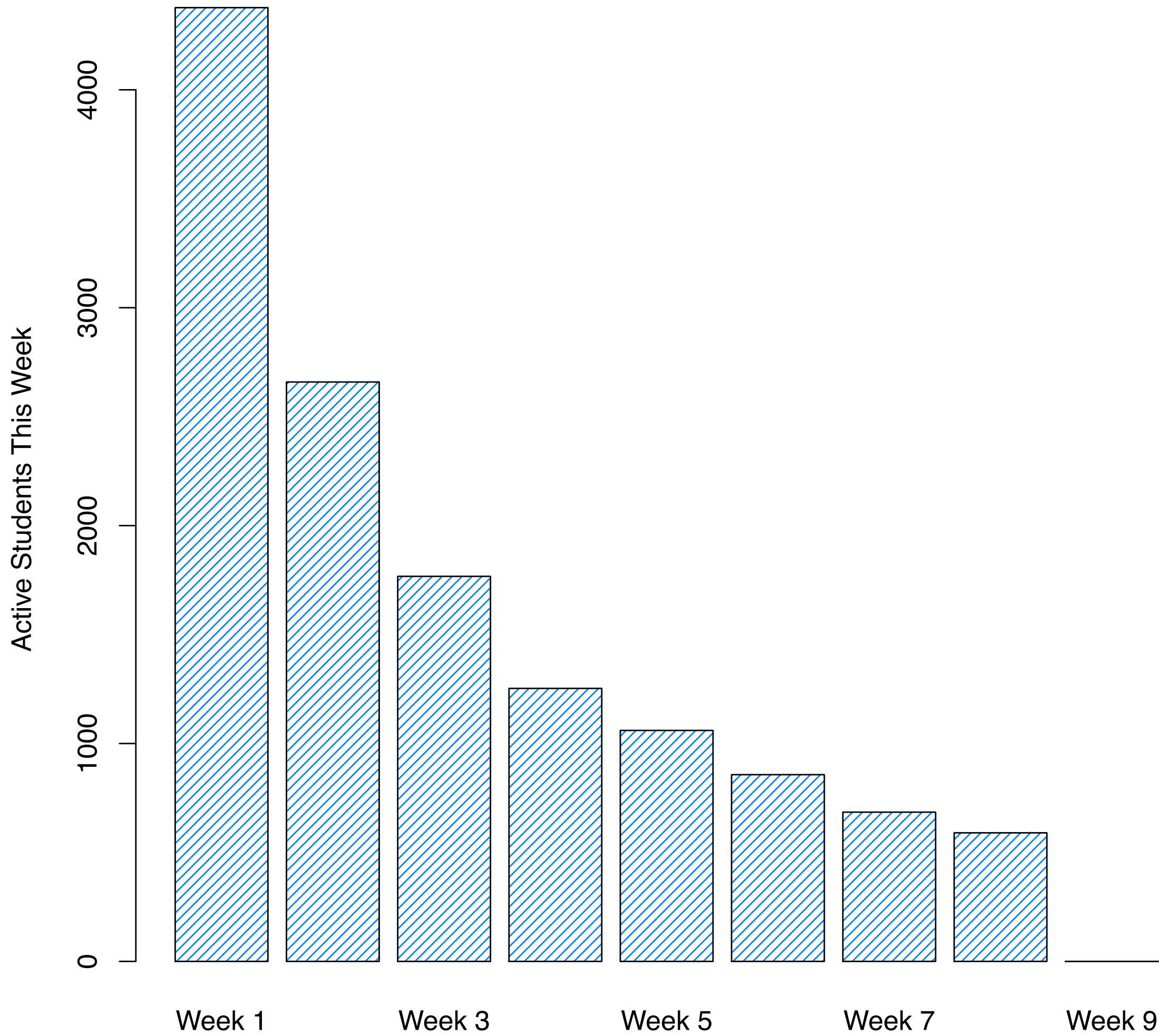


- ▶ Spans many top Australian universities
 - University of Melbourne, Australia National University, University of New South Wales
- ▶ About 60 researchers with 5 professors looking for students

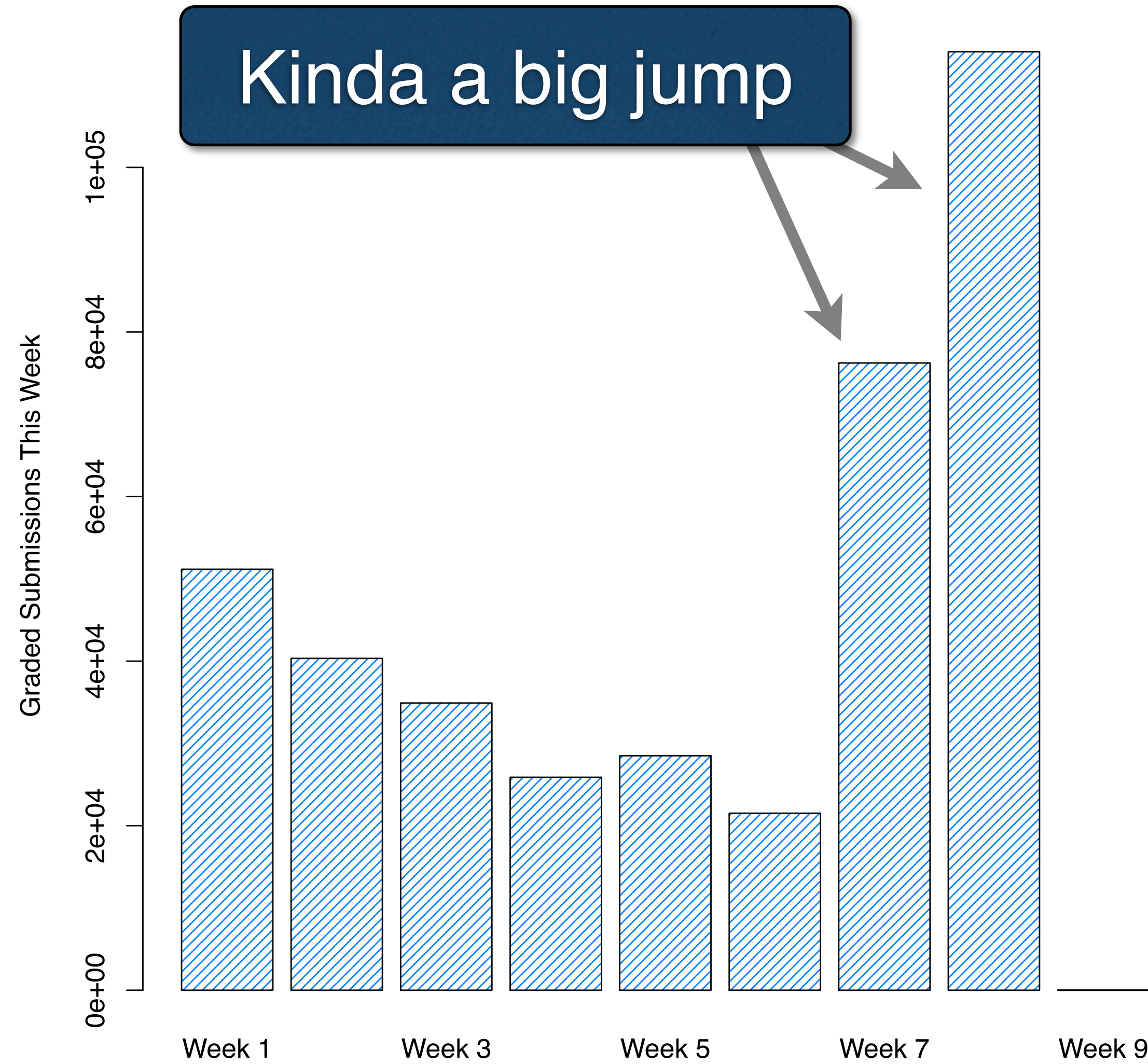
Opportunities

- ▶ Masters and PhD in Optimization
 - nicta.com.au
 - email: alessandra.stasi@nicta.com.au
- ▶ Optimization internships at NICTA
 - 4, 6, 12 months
 - email: alessandra.stasi@nicta.com.au
- ▶ Like the VRP assignment?
 - NICTA's logistics group wants you!
 - 4 month research experience program through Australia National University
 - email: alessandra.stasi@nicta.com.au

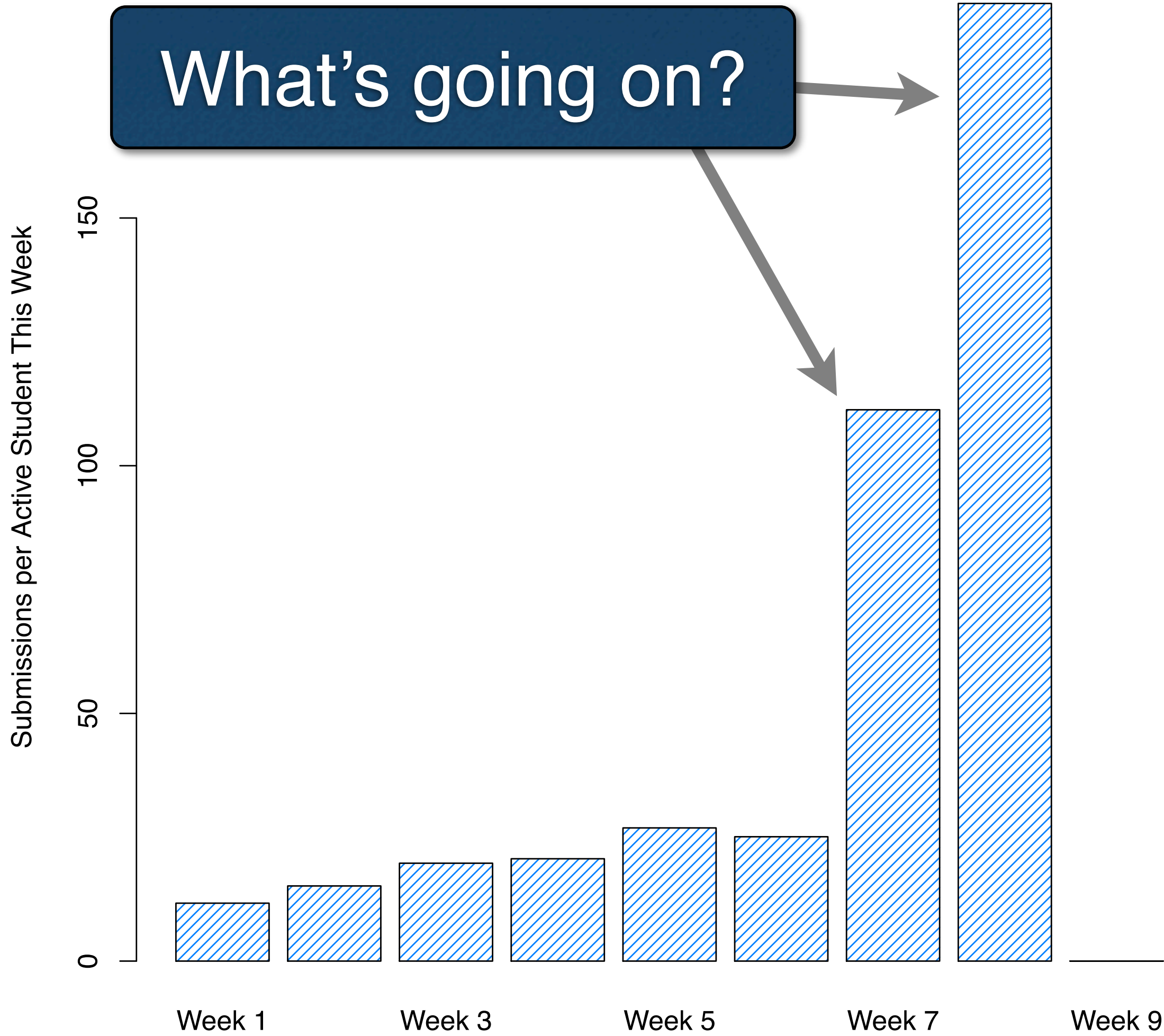
Students Active in Assignments



Total Submissions Graded



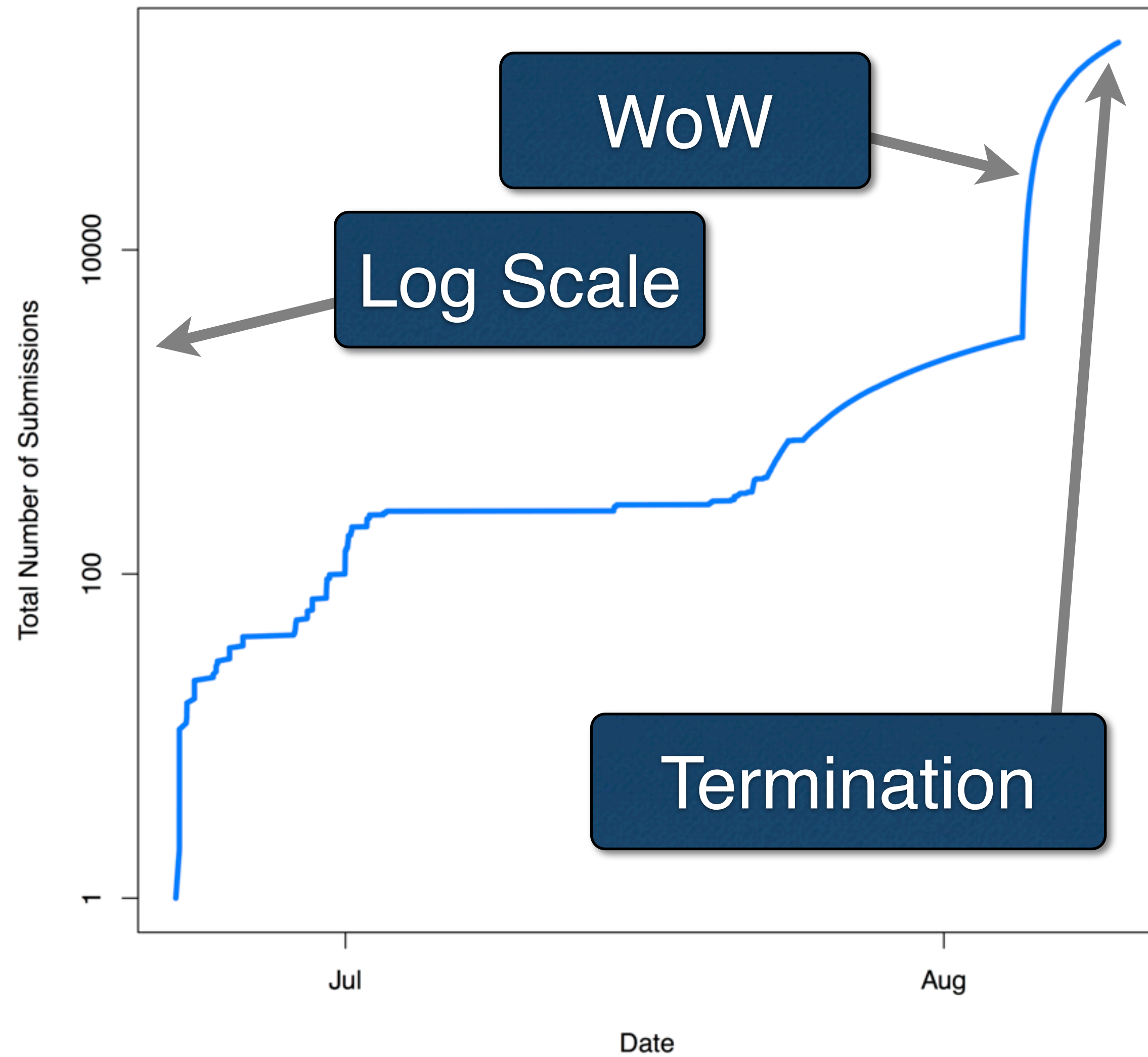
Submissions Per Active Student



Top Submitters

Rank	Total Submissions
1	
2	1542
3	1455
4	1129
5	862
6	830
7	781
8	765
9	721
10	705

190,000 Submissions Over Time



Participation per Assignment

	Max per Problem	Min per Problem
Screen Name	5,500 (5,500)	
Knapsack	4,000 (4,000)	3,300 (3,300)
Graph Coloring	1,950 (1,850)	1,750 (1,700)
TSP	1,250 (1,150)	1,100 (1,000)
Warehouse Location	850 (650)	800 (600)
VRP	650 (400)	650 (350)
Puzzle Challenge	550 (350)	350 (200)

The Final Week

- ▶ On August 20, submissions will stop counting toward your grade
- ▶ Within a few days, the certificates will be issued
- ▶ The course content will remain open and the graders will continue to run
 - but new certificates will not be re-issued.
- ▶ When the next session of the course opens
 - around 6-12 months
 - the current session will become inaccessible

Great Work!

- Now you are ready of the optimization **BIG** leagues.

