

# CSE Faculty Learning Community

Teaching Tech I  
2019/08/27

# Overview

- Piazza
- CSE Webhandin
- CSE Webgrader
- Codepost

# Piazza

## Overview

- Online forum
- Public/private/anonymous posts
- Question/Answer format
- Free
- Some stats

# Piazza

Advantages

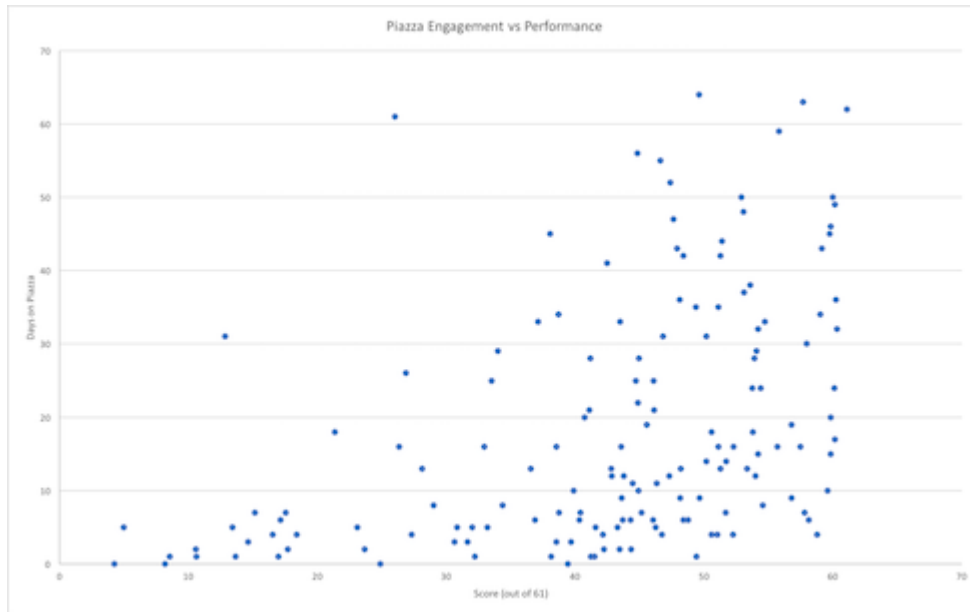
# Piazza

## In Practice

- Getting Roster Emails
  - MyRed > Employee > Class Roster
  - Awk your mail.list on CSE
  - Canvas API (excludes opt-out students)
  - Others?
- Canvas integration
- FERPA Compliance

# Piazza Engagement

- Moderate positive correlation (.4459)



# CSE Handin

- Rails app created/supported by Charles Daniel
- <https://cse-apps.unl.edu/handin/>
- Manage accounts: add/remove graders, auditors
- Manage assignments: due dates, files, etc.
- Bulk downloads, view logs, etc.
- Sync with CSE!

# CSE Webgrader

- Many online/automated code grading apps:
  - WebCat
  - AutoLab
  - Check.io
  - codecheck.it
  - <https://okpy.org/>
  - mimir
  - codio
  - stepik.org
  - CodeLab, <http://turingscraft.com/>
  - zyBooks



# CSE Webgrader

- <https://github.com/cbourne/grade>
- <https://www.youtube.com/watch?v=CRvXsOfp1Vo>
- CSE handin integration
- CSE Login
- Demo setup
- Demo grade

# Bonus Level: Codepost

- <https://codepost.io/>
- Grade and assess code with inline comments
- Universal rubric
- Still allows flexibility
- Assign graders
- Free! (for now)
- Best: easy, well-designed python API
- <https://github.com/cbourne/ComputerScienceI/scripts/python>

# Next Time...

- Ryan: Canvas/API, MOSS, Mobius, iClicker
- Brady: CATME