

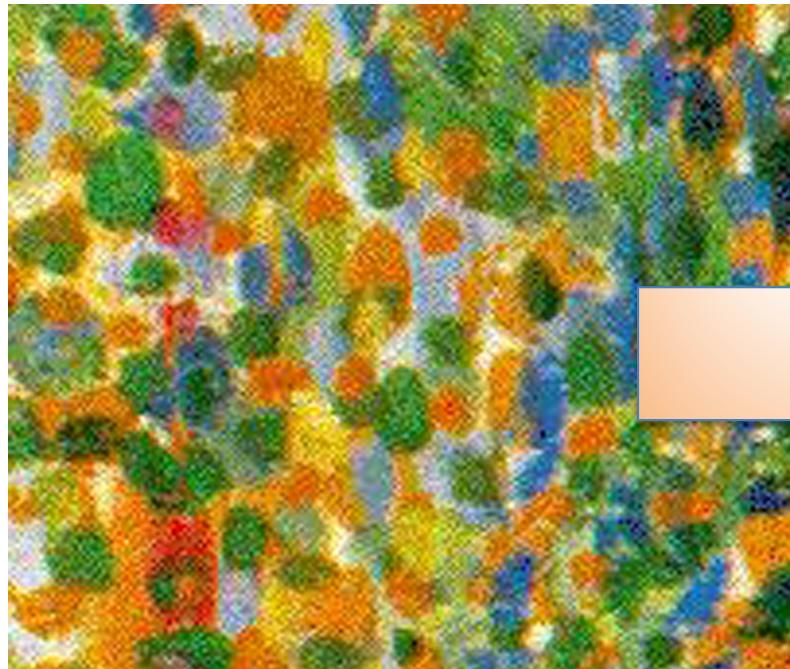


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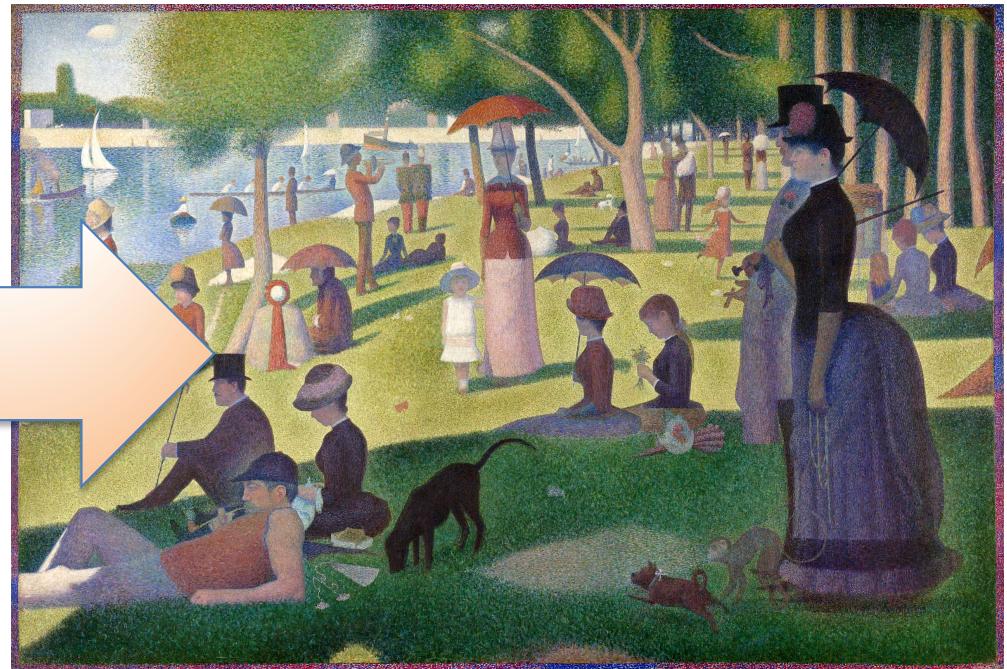
ENGR 1110

Module 9 Lecture

Keeping perspective

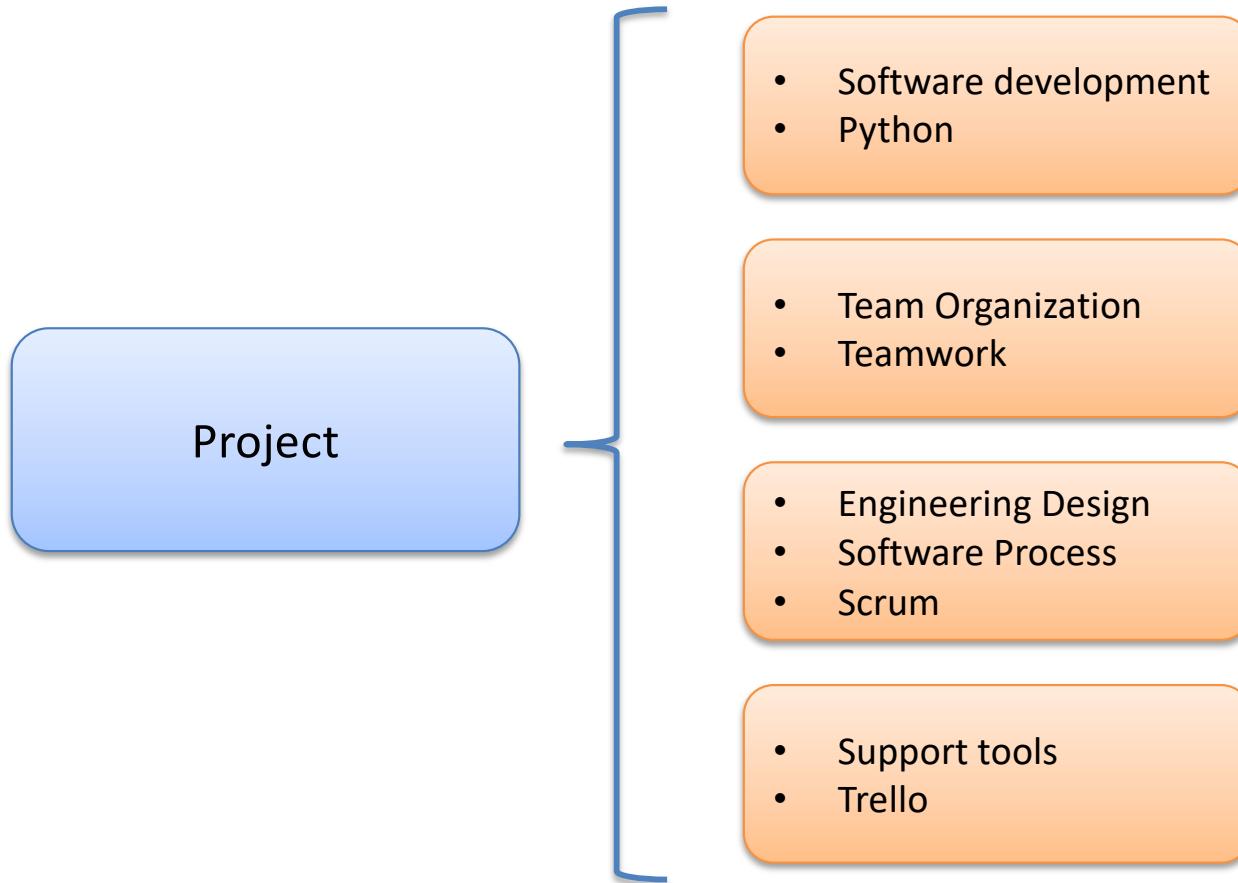


<https://www.principlegallery.com/technique-tuesday-pointillism-take-two/>

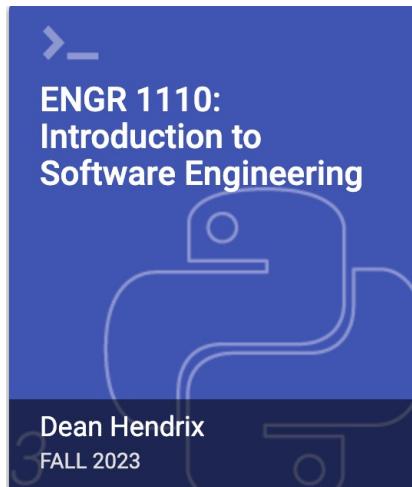


Georges Seurat, *A Sunday Afternoon on the Island of La Grande Jatte*, 1884-86,
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Team Project



Quick review of the last module...

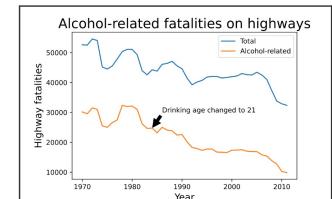
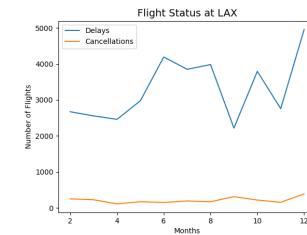


Chapter 11. Files

- 11) Files
 - 11.1 Reading files
 - 11.2 Writing files
 - 11.3 File systems
 - 11.4 Binary data
 - 11.5 Cmd-line args and files
 - 11.6 'with'
 - 11.7 CSV files
 - 11.8 LAB: Words in a range (lists)
 - 11.9 LAB: Word frequencies (lists)
 - 11.10 LAB: Sorting TV Shows (dictionaries and lists)
 - 11.11 LAB: Course Grade
 - 11.12 LAB: File name change
 - 11.13 LAB: Thesaurus

Chapter 12. Plotting

- 12) Plotting
 - 12.1 NumPy
 - 12.2 pandas
 - 12.3 Matplotlib**
 - 12.4 LAB: Average exam scores (NumPy arrays basic)
 - 12.5 LAB: Curve student scores
 - 12.6 LAB: Course grade statistics (pandas)
 - 12.7 LAB: Flight status (line plot)
 - 12.8 LAB: Broadway show scatter plot
 - 12.9 LAB: Broadway show multiple plots



Scrum, Project, Timeline

Module 3 (Jan 29 – Feb 4)

- Teams assigned, get to know your team

Module 4 (Feb 5 – Feb 11)

- Project Description available to teams

Module 5 (Feb 12 – Feb 18)

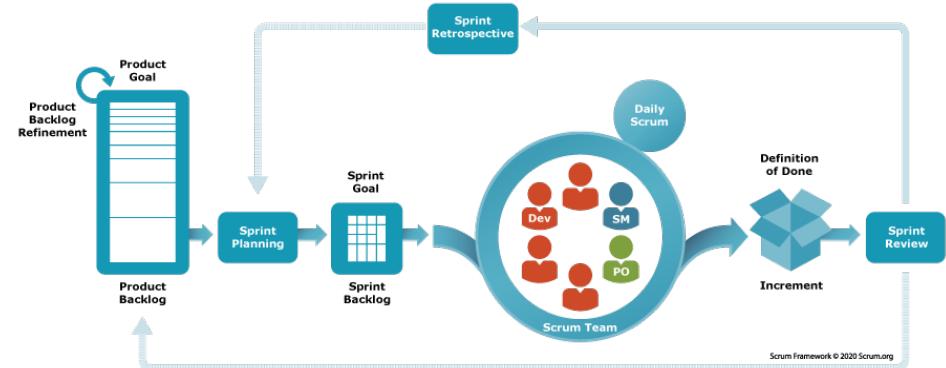
- Scrum & Trello introduced
- Brainstorm project ideas

Module 6 (Feb 19 – Feb 25)

- Scrum explained
- Used Trello for individual assignment
- Discuss Project Concept with team

Module 7 (Feb 26 – Mar 3 / 10)

- Used Trello for team assignment
- Make decisions about Project Concept



Module 8 (Mar 11 – Mar 17)

- Deliver Project Concept
- Create Colab notebook
- Use Trello for team assignment

Scrum, Project, Timeline

Module 9 (Mar 18 – Mar 24)

- Project and sprint planning

Just plan!

Module 10 (Mar 25 – Mar 31)

- Sprint 1

Module 11 (Apr 1 – Apr 7)

- Sprint 2
- Alpha release

Do the work in increments, just as you planned it.

Module 12 (Apr 8 – Apr 14)

- Sprint 3

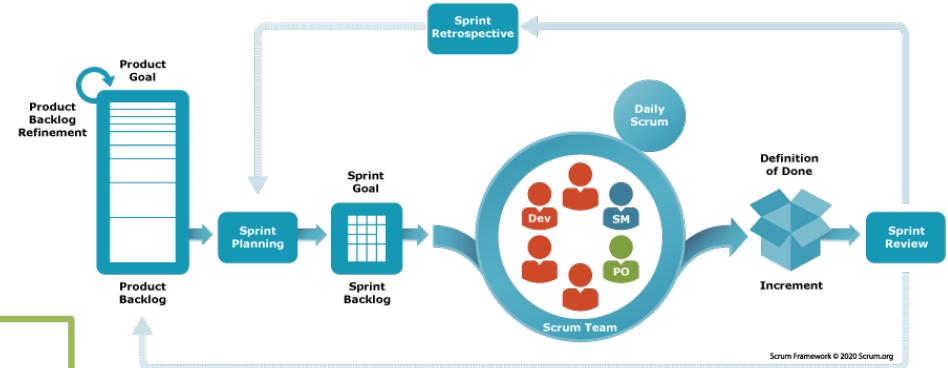
Module 13 (Apr 15 – Apr 21)

- Sprint 4
- Beta release

Module 14 (Apr 22 – Apr 26)

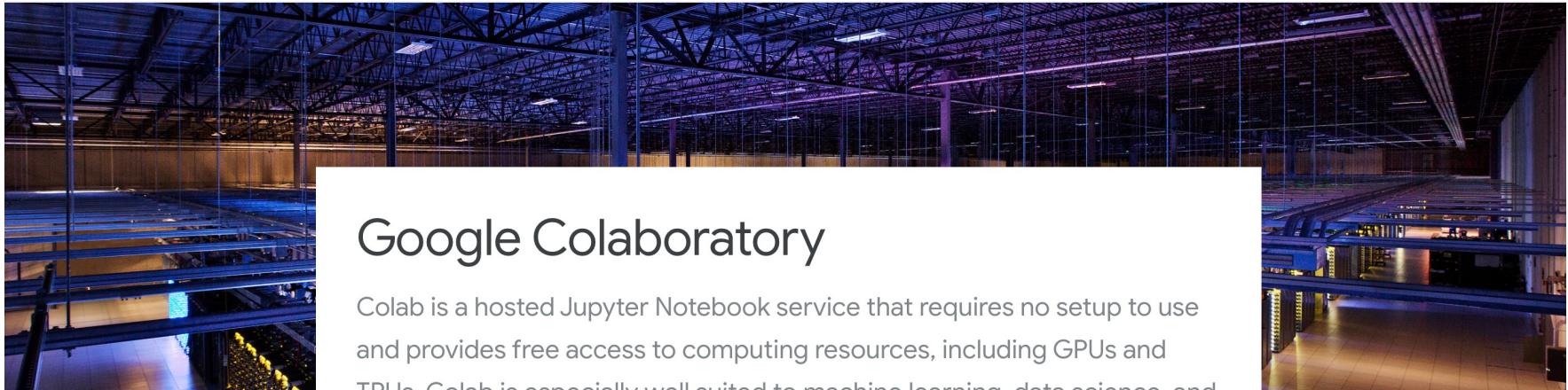
- Presentation

For this project, how you work is just as important or more important than what you produce.



Deliverable	Points	Due Date
Concept	100	Mar 17
Alpha	100	Apr 07
Beta	100	Apr 21
Presentation	100	Apr 22, 24

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Google Colaboratory

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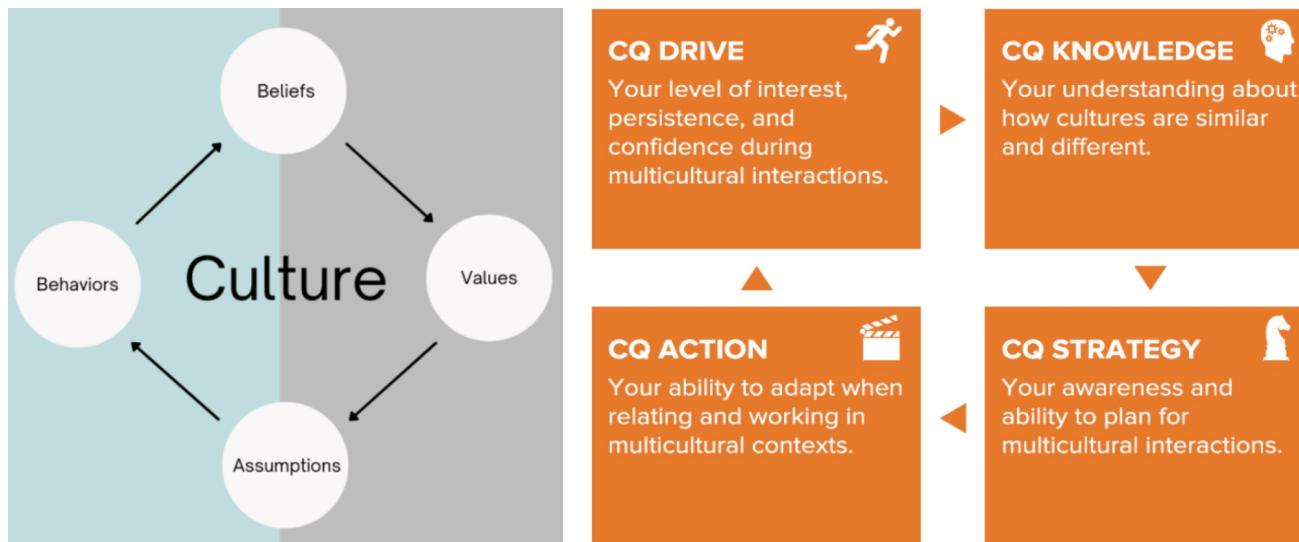
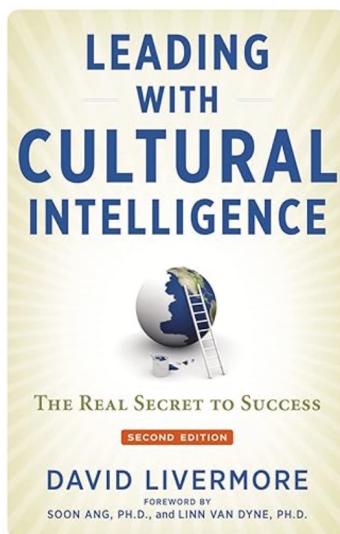
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This module – another inflection point...

Cultural Intelligence

“Cultural intelligence or cultural quotient (CQ), refers to an individual's capability to function effectively in culturally diverse settings. The concept was introduced by London Business School professor P. Christopher Earley and Nanyang Business School professor Soon Ang in 2003.”

https://en.wikipedia.org/wiki/Cultural_intelligence



<https://culturalq.com/> <https://davidlivermore.com/cq/>

Cultural Intelligence



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