Growth Report

HON 3397

Fall 2024

Instructor: Dr. Ioannis Konstantinidis

STUDENT PARTICIPATION

58%

GOAL-SETTING FORM

EXIT FORM

GOAL-SETTING FORM

58%

14/24 registered students completed the goal-setting form

EXIT FORM

67%

16/24 registered students completed the exit form

STUDENT GROWTH

Students were presented with six different factors on the goal-setting form where they indicated how much growth they expect in that factor from HON 3397. In the exit form at the end of the school year, students then indicated how much growth they actually experienced in each factor from HON 3397.
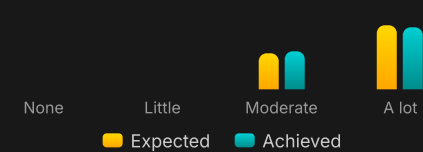
The range of growth options were:
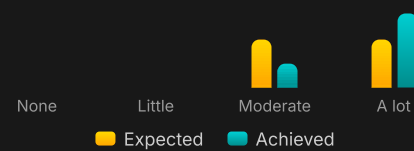
- None
- Little
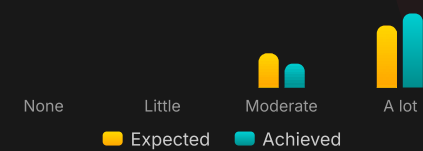- Moderate
- A lot

Growth in teamwork

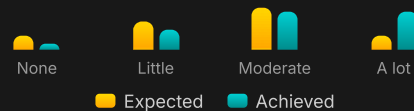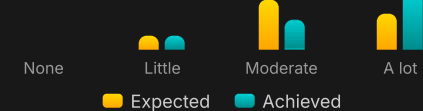Growth in professional responsibility

Growth in effective communication

Growth in problem solving

Growth in cultural humility

Growth in ethical decision making

PROGRESS TOWARDS GOALS

Students were asked to assess how much progress they made in regard to achieving their goals set at the beginning of the school year.

On average, students felt they made some to lots of progress towards their goals set in HON 3397. 38 goals were cumulatively set across all students.

The scale is as follows:

- I did not make progress towards this goal
- I made little progress towards this goal
- I made some progress towards this goal
- I made lots of progress towards this goal

0%	5%	35%	60%
NONE	LITTLE	SOME	LOTS

EXPERIENCE CONNECTION

Students were asked to individually assess each goal they set at the beginning of the school year, and quantify as to how useful their experience in HON 3397 was in conjunction with achieving that goal.

38 goals were cumulatively set across all students.

The scale is as follows:

- The progress I made towards this goal was not due to this experience
- The progress I made towards this goal was partly due to this experience
- The progress I made towards this goal was largely due to this experience

0%	28%	72%
NONE	PARTLY	LARGELY

NET PROMOTER

After taking this class:

A: 100% of students reported they are likely to extremely likely to complete the Data & Society minor

B: 100% reported they are likely to extremely likely to enroll in another course/repeat the experience

C: 88% reported they are extremely likely to pursue a career in data science

D: 100% reported they are likely to extremely likely to recommend this course/experience to a friend

100%	100%	88%	100%
A	B	C	D

ACTIVITIES

Students were presented with a list of activities to choose which from HON 3397 were most helpful in contributing to their achieved goals. Below are the activities ranked by percentage of total goals set among students (38) attributing each activity to helping achieve each goal:

A: 100% Class discussion

B: 88% HPE DSI Short Course

C: 100% Class Presentations

D: 81% Weekly OneNote check ins

E: 56% Anonymous Peer feedback (Teammates)

F: 38% Extra Credit Report

100%	88%	100%	81%	56%	38%
A	B	C	D	E	F

STUDENT TESTIMONIALS

BIGGEST LESSONS LEARNED

"I learned that data science requires both technical skills and communication abilities to truly make an impact."

"The biggest lesson was learning to work collaboratively on complex problems while respecting diverse perspectives."

"I discovered the importance of asking the right questions before diving into analysis."

"Learning to tell stories with data was eye-opening. Numbers alone don't create change."

"I learned that data science is more accessible than I initially thought with the right support."

EXPERIENCE CONTRIBUTIONS

"This course helped me understand the ethical implications of working with data and how to communicate findings effectively."

"The HPE DSI short course opened my eyes to career possibilities I hadn't considered before."

"The class discussions helped me see problems from multiple angles and develop creative solutions."

"The presentations forced me out of my comfort zone in the best way possible."

"The course helped me build foundational skills I can apply in various fields."

ADDITIONAL COMMENTS

"The hands-on projects were invaluable. I now feel confident in my ability to tackle real-world data problems."

"This was a transformative experience that solidified my interest in data science as a career path."

"Great course overall. The instructor was very supportive and the content was relevant."

"I'm grateful for the opportunity to work on real datasets and see the practical applications of what we learned."

"The class was challenging but rewarding. I appreciate the practical focus."