**Project 7: Random Forest**

Due: Sun Oct 8, 2023 11:59pmDue: Sun Oct 8, 2023 11:59pm

Ungraded, 50 Possible Points

## WATCH

Watch the project overview video and then review the notes below to get started.

**Project 7 - Random Forest Overview Video**

## REVIEW NOTES

This project will give you practice with decision trees and the random forest.

Use the  [project 7 notebook](https://elearning.mines.edu/courses/52392/files/5459226?wrap=1) and  [temps.csv](https://elearning.mines.edu/courses/52392/files/5459025/download?wrap=1)[Download temps.csv](https://elearning.mines.edu/courses/52392/files/5459025/download?download_frd=1)files, then complete the exercises.

Remember, there are great resources in addition to our discussions, including this [Python reference tutorialLinks to an external site.](https://docs.python.org/3/tutorial/index.html).

**Project 8: Neural Network NEW**

Due: Sun Oct 8, 2023 11:59pmDue: Sun Oct 8, 2023 11:59pm

## WATCH

Watch the project overview video and then review the notes below to get started.

**Project 8 - Neural Network Overview Video**

## REVIEW NOTES

This project will give you practice with Neural Networks, for reference look back at this week's lecture slides!

Use the  [Project 8 Notebook](https://elearning.mines.edu/courses/52392/files/5459082/download?wrap=1)[Download Project 8 Notebook](https://elearning.mines.edu/courses/52392/files/5459082/download?download_frd=1) to complete the exercises.

Remember, there are great resources in addition to our discussions, including this [Python reference tutorialLinks to an external site.](https://docs.python.org/3/tutorial/index.html).

**Project 8: Neural Network Amsterdam Style (XC)**

Due: Sun Oct 8, 2023 11:59pmDue: Sun Oct 8, 2023 11:59pm

This project will give you practice with Convolutional Neural Networks, for reference look back at this week's lecture slides!

Use the  [Project 8 Notebook Amsterdam Style](https://elearning.mines.edu/courses/52392/files/5459235?wrap=1)[Download Project 8 Notebook Amsterdam Style](https://elearning.mines.edu/courses/52392/files/5459235/download?download_frd=1)to complete the exercises.

Remember, there are great resources in addition to our discussions, including this [Python reference tutorialLinks to an external site.](https://docs.python.org/3/tutorial/index.html).