

# Level 4: Advanced C3 AI Platform Usage

Some researchers will bring state of the art ML models or wish to utilize the C3 AI cloud computing platform for some or all of their compute necessities. This level teaches users how to fully leverage the C3 AI platform including ML methods, Jobs for large-scale data processing, and development of real time data analytics and UIs.

## Pros:

- Share Data and Methods through packages.
- Define custom Types and integrate new data into the C3 AI Covid-19 Data Lake.
- Researchers can bring state of the art workflows to the COVID-19 Data Lake.
- Build real-time data analytics and UIs to showcase your research results.

## Cons:

- C3 AI environment access is required.
- In some cases, lengthy training and interaction with the C3DTI team will be necessary to facilitate some use cases.

## Getting Started

Please see the [DTI Readiness checklist](#). If you pass the checklist, you're ready to start learning!

## Training Curriculum

This C3DTI curated training curriculum gives you everything you need to create your own packages and integrate your data into the C3 AI platform. Additionally, links to appropriate official C3 AI documentation and videos are provided throughout the C3DTI curated guides.

## Background

C3.ai DTI offers a consolidated curriculum to learn all C3 AI Suite basics as the Level 3 training curriculum. Please complete it here: [Level 3: Define and Use C3 Types to Integrate Data](#)

## Level 4 Guides

- [DTI Guide: Python on C3 AI Suite](#)
  - Learn necessary details of how Python methods are run within the C3 AI Suite.
- [DTI Guide: Machine Learning on C3 AI Suite](#)
  - Basics about the C3 AI Machine Learning pipeline system. This Guide also discusses how to use several implementations of the Machine Learning Pipeline.

## Additional Resources

- [DTI Guide: Utilizing C3 AI Documentation](#)
- [C3 AI Suite Tips and Tricks](#)

## Worked Example

- [mnistExercise](#)