



Our Structured Learning Recommendations













1. Learn **data** and **modeling** tools in Python (including Hugging Face!)
2. Set up your **software development environment**
3. Learn **version control**, building **APIs**, and **containers**
4. Choose a **business problem** to solve
 - a. Find a pre-existing dataset and/or **pre-trained model**
 - b. Deploy your **first web application** (locally)
 - c. **Containerize** the application and deploy to the cloud
 - d. Define **ML metrics** to monitor
 - e. **Find users** to try out your solution and get feedback from
 - f. **Iterate** on your choice of data and model based on feedback and metrics
 - g. Build out a **GitHub with README.md** describing your project
 - h. Create a **YouTube video** demonstration and presentation



Curated Content for You!

- [MLOps Tools Demos!](#)
 - Hugging Face
 - Databricks (MLflow)
 - Iterative (DVC)

MLOps Tools Demos ▶ Play all

 Live Demo: Machine Learning Experimentation with DVC and VS Code  Alex Kim Solutions Engineer Iterative  56:37	 Databricks Demo: Transfer Learning with MLflow  Feifei Wang Senior Data Scientist  1:00:54	 Live Demo! Building NLP Applications with Transformers  Presented by Julien Simon Chief Evangelist, Hugging Face  1:08:11	 Interactive Workshop Topic: "Humanizing data analytics for the individual and the team"  Dr. Jignesh Patel Ph.D. CEO & Co-Founder, DataChat  1:01:27
Demo: Machine Learning Experimentation with DVC... FourthBrainAI 756 views • Streamed 2 months ago	Databricks Demo: Transfer Learning with MLflow FourthBrainAI 1.1K views • Streamed 3 months ago	FourthBrain and Hugging Face demo on Building NLP... FourthBrainAI 2.2K views • Streamed 5 months ago	Webinar: Humanizing data analytics for the individual... FourthBrainAI 318 views • Streamed 4 weeks ago



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MLOps Software Development Environment Setup

- Mac OS, Windows, or Linux!

Beyond Jupyter Notebooks ▶ **Play all**



Beyond Jupyter Notebooks:
MLOps Environment Setup and First Deployment


• Set up your local MLOps environment
• Deploy to container without ML work code
• Align with standard MLOps workflows

Wednesday 30 Sep, 2022
10:00 AM - 1:00 AM PST

Greg Loughran
FourthBrain AI
58:13

Beyond Jupyter Notebooks:
MLOps Environment Setup ...

DeepLearningAI
16K views
• Streamed 1 month ago




FourthBrain
Beyond Jupyter Notebooks
(Linux Edition)
MLOps Environment Setup & First Containerization

43:30

Beyond Jupyter Notebooks
(Linux Edition): MLOps...

FourthBrainAI
791 views • 1 month ago




FourthBrain
Beyond Jupyter Notebooks
MLOps Env Setup and First Deployment
(Mac OS/M1 Chip Edition)

48:58

Beyond Jupyter Notebooks
(Apple M1 Edition): MLOps...

FourthBrainAI
305 views • 1 month ago



FourthBrain
Beyond Jupyter Notebooks
MLOps Env Setup and First Deployment
(Windows 11/WSL2 Edition)

39:06

Beyond Jupyter Notebooks
(Windows 11/WSL2): MLOp...

FourthBrainAI
580 views • 2 weeks ago





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Learn GitHub and FastAPI!

- [Build](#) on your software development environment knowledge!
- Leverage Diffusers from Hugging Face!




Branching out of the Notebook:


ML Application Development with GitHub

Wednesday Nov. 9, 2022
9:00 AM PST


1:00:42



Greg Loughnane
Head of Product and Curriculum
FourthBrain




Milica Cvetkovic
Instructor, ML Engineering Program
FourthBrain



Chris Alexiuk
Instructor, ML Engineering Program
FourthBrain

Branching out of the Notebook: ML Application Development with GitHub

6K views • Streamed 7 days ago



DeepLearningAI

Welcome to your first week on the job as a Silicon Valley Machine Learning Engineer! Your first task is to use code from an ...



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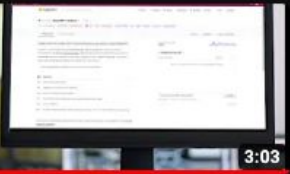






Like this! Step-by-Step...

- Come up with a business problem, and then containerize and deploy!

Step by Step NLP: Data to Deployment ▶ Play all

The following videos were presented as part of FourthBrain's original Step-by-Step NLP workshop on November 17, 2021, and will help you to deploy the DialogPT-medium chatbot to your local...

 <p>Step-by-Step NLP: From Data to Deployment A workshop on how to build and deploy a chatbot using Natural Language Processing. Watch Now! 10K views 11 months ago</p> <p>1:00:26</p>	 <p>3:03</p>	 <p>3:45</p>	 <p>2:14</p>	 <p>3:51</p>	 <p>1:15:18</p>
Step-by-Step Natural Language Processing...	Step by Step NLP Part 1: Get Chatbot Running on VM in...	Step by Step NLP Part 2: Open-Source Chatbot UI an...	Step by Step NLP Part 3: Dockerizing DialogPT...	Step by Step NLP Part 4: Deploying DialogPT in the...	Step by Step NLP: A Real-Time Walkthrough!!
DeepLearningAI	FourthBrainAI	FourthBrainAI	FourthBrainAI	FourthBrainAI	FourthBrainAI
10K views	538 views • 11 months ago	334 views • 11 months ago	178 views • 11 months ago	166 views • 11 months ago	1.8K views • 11 months ago
• Streamed 11 months ago					