Intern Training Program: Tutorial Links

Welcome to the AV Solutions Intern Training Program. Below are the essential tutorial links you'll need to complete your training. Please go through each one as per the instructions provided during your orientation. This is a research based learning, so please implement things, write codes, if you get stuck get help online , can use OpenAI or stack overflow .This will help you to come up with new things and understand the product better.

# Tutorial Links

**Familiarize yourself with basic ML concepts**

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1. An introductory playlist of tutorial on the basic ML concepts.

Note: Do the guided projects if not familiar with MLOPs concepts

Link: <https://youtube.com/playlist?list=PLeo1K3hjS3uvCeTYTeyfe0-rN5r8zn9rw&si=VI7Zn5QiwUUimkuZ>

1. More indepth on creation of ML pipeline and its deployment(Rest API also covered):

Link: <https://www.udemy.com/share/101Y5K3@hI8EzlcW-ur4OLDfKndeA0-bqhxnbRgMI-aVL265SdsY2UM8v8Y8YA5H9s4QVGWJ/>

**Go through the Facial recognition tutorial videos:**

Note: Try to understand what is going on in the videos, if possible make notes of the same. Think about the solution , about how you can make it more unique and try to implement it and build it to a functional application.

1. <https://youtube.com/playlist?list=PLsS_1RYmYQQFdWqxQggXHynP1rqaYXv_E&si=UUKwss-yNMeH8hVM>
2. <https://youtu.be/A0fm26PKlwk?si=yXm6ONCT7A1tstqU>
3. <https://youtu.be/QSTnwsZj2yc?si=IvIo2DsXX9sMP8-0>
4. <https://youtube.com/playlist?list=PLgNJO2hghbmhHuhURAGbe6KWpiYZt0AMH&si=M6ZqmzBfQf-ADn3m>

Note: These are all I followed , I will send along more if I come across helpful topics. Apart from these videos find other ways of using pre-trained models for facial recognition and other biometric verification , read about them and try to build an application with simple features that shows you understand what is going on.