

Machine Learning with Python

AI Learning Platform



BRIEF INTRODUCTION



Motivation





EXPECTATIONS AND OUTCOMES



01

To Build up Better learning path on Machine learning.



02

To provide the structure way for machine learning. Keep it simple and easy to follow. It can be general to cover different situations or very specific to your students.



Instructors



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Full Course's AGENDA

- Basic Python
- Basic to Deep driven of Pandas, Numpy, Matplotlib
- Machine learning theoretical & Kaggle
- Machine learning Algorithms with python code
- Small Project on Machine learning
- Live in class competition on Kaggle



Warm-up Exam

What do you think about machine leaning?

Best answer will be added in there.

Supervised learning concept

We have 3 types of fruits. Which fruits name apple, orange and mango. And this fruits have different kind of height , width and mass which is 4.2cm,3.2cm,110g,5.6cm,8.6cm,125gm,6.7,5.6,200gm. Here target value fruit's name. so is it supervised learning?

Unsupervised learning concept

We have some data on amazon products reviews which are different categories. In this dataset was given product name, id and price and reviews. But there was no target value. Is it Unsupervised learning?

Basic python

Write down a python code which is take name from users and print this name with Hello.

Sample input: Harun

Sample output: Hello Harun!

Python Basic



Data types



Data Structures



Control Flow



Function

LET'S DISCUSS About Tasks and Projects

Tasks

- Code
- Blog

Projects

- Code
- Blog
- GitHub repo.



TRY AND LEARN



CLASS DISCUSSION Forum



Slack Channel

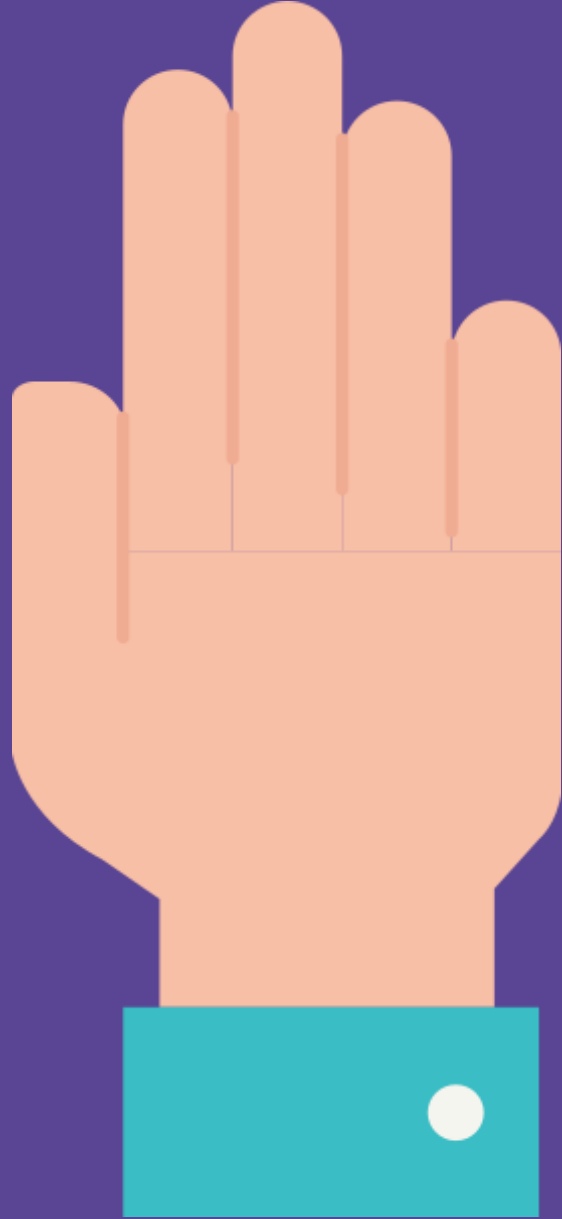
Link: https://join.slack.com/t/quantumai-group/shared_invite/zt-f5ll5di9-ylrgsmwzRGwa~_JGH7yV_g



Facebook messenger Group

Coming soon on feedback.





RECAP OF TODAY'S CLASS



DO YOU HAVE QUESTIONS SO FAR?



THANK YOU!

