

# Machine Learning with Python





# Instructors



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# Today's Class AGENDA

- Installation and Introduction of Pandas
- Basic DataFrame
- Different ways of DataFrame creating
- Read Write Excel and CSV file
- Concat DataFrame
- Read Write Database(Sql) using DataFrame



# Pandas



**Installation**



**Introduction**



**Basic DataFrame**



**Create DataFrame**



**Sql**

# LET'S DISCUSS About Tasks and Projects

## Tasks

- Code
- Blog

## Projects

- Code
- Blog
- GitHub repo.



# Tasks on Today's Class

## Tasks

1. Read data from a csv or excel file, at your choice, add 2 more similar rows to the data. Then print all in a single table using pandas. Write the final data in a csv or excel file.

2. Write difference between list, tuple, DataFrame.

2. Dataset -

<https://github.com/harunshimanto/Machine-Learning-With-Python-Training-session/blob/master/Class02/Pandas/Task/titanic.csv>



# CLASS DISCUSSION and Task Submission Forum



## Slack Channel

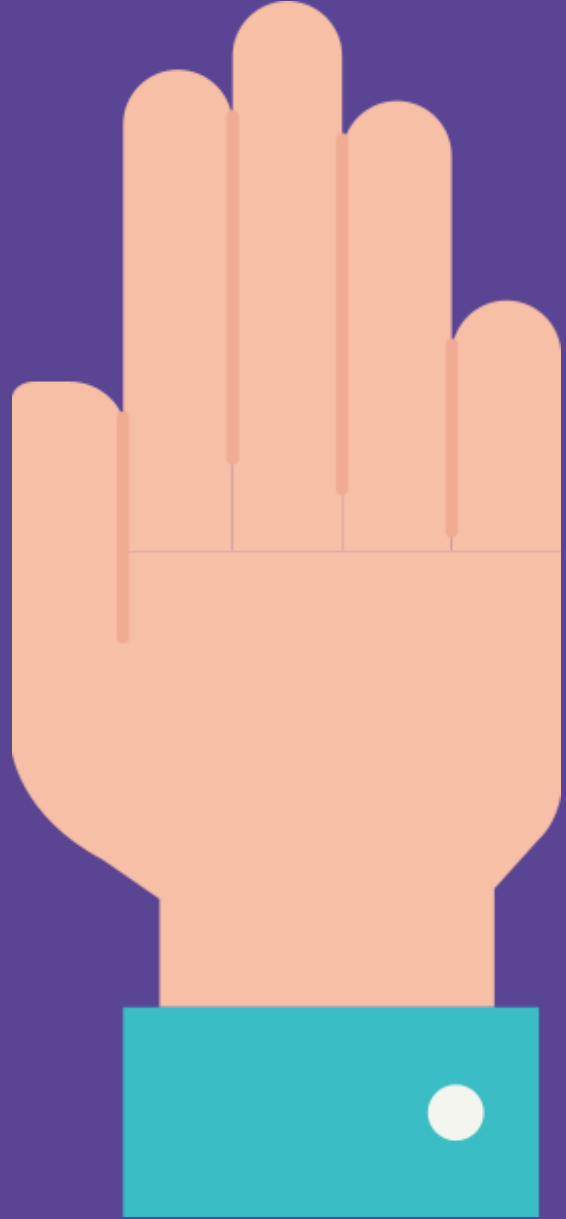
Link: [https://join.slack.com/t/quantumai-group/shared\\_invite/zt-f5ll5di9-ylrgsmwzRGwa~\\_JGH7yV\\_g](https://join.slack.com/t/quantumai-group/shared_invite/zt-f5ll5di9-ylrgsmwzRGwa~_JGH7yV_g)



## Facebook messenger Group

Already have





# RECAP OF TODAY'S CLASS





**DO YOU HAVE QUESTIONS SO FAR?**



THANK YOU!

