Notes

- 1) Make a group of 2-4:-
- (i) Exercises & slides are enough for good marks.
- => jonathan-decker @ ceni-goettingen-de

Mote: you a virtual machine for exercise.

Note: This exercise is super useful for your CV as well.

(ii) Most of the things here are learning by doing, no memorizan

lecture-I: -

- (1) D/P/S => 2015tri buted farallel scientific Computing.
 - Mote: learning out come is the all you need to learn to consorted.
- (i) Main problem of sontributed system => concurrency introduces new types of programming mutakes.
- 1) HPC in a kind of formula I for the super computing.

Note: You cannot de the festing it you don't know the results.

- (iii) Scientific method example: Falling of an apple. Islay?
- (1) Raw data = low value (fine grained)

Group Work: (Example).

- @ Bestion to be solved: netting insight from scientific
 - 1 hypothers Dainfall is highly correlated to thursder
- (iii) How to fest => By getting correlation matrix!
 - W What data > bleather
- Another eaun ple: Oid Quarantine made less cours cases? hossible solution & By the help of simulations.

V=Volume V = Variety.

Meure cheerging date are not big date.

V=Veracity (Trustmorthines) .75Vs - challenges of MPOA

Analytics and theories increases the value of the data.

=> A simple tool like Moderap has- 505 B worth.

Mote: There option is also a good option for these course.

-> Big dots an abytics is a sub-espect of MPDA.

-> HPDA is required for big data analytice.

Mate: Linux crash covers és parailable en the cuclaite of the protoger. Sor you can have a look at it.

- → DFS is the python system. → Yarn is is a cluster manager.
- -> real time -> wer time + system time.
 -) kilhen using multiple sources, real time is even less than the system and user time.

golve the exer

Frencises-I:

Josmative Ossessment & development assessment. -)imp for exam as

[ontent: - 1) Hbob ne cores render standing

Bach Desearch.

(ii) Jet up roffuege environment en a Virtual Machine (iii) Jet up roffuege environment en a Virtual Machine

Tip: Fince this course is very flexible and you should just attempt to solve questions. It can be super helpful for just trying to curry that GPT as much as you can.

- => -P => Creates a povent directories if needed. Don't throws the error if the directory already exist.
- => & => After creating the directory, office functions are implemented if the directories are only implemented if the directories are created.
- => (TRI+C=) to terminate the running command early.
- => command + right amou -> to point the cursor of the terminal to

 the left / right. (at the beginning and)

 => j! <>> came ersor in terminal when included outside of

 quotes in a command.