Week 1

Problem Solver
Tech is just a tool for **Data Scientist**, be ready to learn anything new.
Assignment is about learning, learning to think.
Industry only care about what you did in industry.
Data > Model
业界并不在意你什么背景, 只要能做事儿就行
Monday soft skills day

- ☐ scala 101 / cognitive class (screen shot)
- ☐ python 101 / codeacadamy
- ☐ bash / codeacadamy
- ☐ git / codeacadamy
- ☐ starwars/pokemon API friday
- ☐ scala IntelliJ
- ☐ bash_profile
- ☐ Cloud ML Engine
- ☐ Gcloud / Datalab setup

Weekly Core Fundamental Assignment:
Codesignal (15 screenshots):

- ☐ 5 python
- ☐ 5 scala
- ☐ 5 SQL
- ☐ 2 Stackflow

Interview: lost of practice. project presentation & resume validation
rate problem: always talk about that later

09.28 classnotes

- UNIX Shell
  Heart of interaction of computer: read evaluate print loop (REPL):
  ```
  $ pwd
  $ ls -help
  $ man ls
  $ ls lit
  $ ls -F
  $ wget http://
  $ touch something.sh
  $ bash something.sh
  $ cat ~/.bash_profile
  $ source ~/.bash_profile
  ```

  ```
  `%% bash  #jupyter
  ls
  ```

data shoulde be stored in GCP storage bucket
以后要用 data 也要 load data from the bucket

- Automation
  sample assay machine measuring relative protein concontation for the machine, the machine output file for each protein
  cal some state on each of the proteins
  we want to use a program some else wrote
  prostats
  writeup the result in some report

- Summary for the intro
  shell is a program who read command to run other program
  main advantage of the sheel over GUI are taht it alos, auto repetive task, network capacity

- Navigate files and dir
  the root directory hold everything else, we can refer to it with `/`
  home directory hold are profile files, we can refer to it with `~/`

Week 2

Presentaion:

- no screen shot of data / no table
- never show a figure
- solid background introduction / why is your work important (why current platform fail) first
- put company's name on it
- out number on it
- better way of describing data visually
- slow down, don't get too fast into the point

- telling a story

when can i hear back

Mock questions:

- what you been doing these years?
- machine learning model, how you actually did that?
- collaborating with others
- deployment
- train a model, before and after
- architecture difference
- spark model used
- machine learning framework
- dont let it be an interrogation

Interview:

- **what you have done, past project**
- make shorter, 42 sec
- ask questions on JD
- make it a conversation
- ask from "who is this interviewer / company name" at first
- no talk about school anymore / no say year
- getting into the industry – first case
- visa: I have work authorization
- did project remotely, my company brought me here
- new position: current contract is up, i want get another contract
- let them ask something
- hey! do you wanna talk about something, why are you asking thay? do you that a lot.
- control the interview
- background speech
- mention time for each project
- what i found in our each past project
- leadership
- talk about client, because you need to meet client

> Week 3

NLP

- word embedding
- representation for words and titles
- back-wards

> Week 4
> Week 5
> Week 6
> Week 7
> Week 8
> Week 9
> Week 10