Condo Daily Report 8-24-21

Tuesday

* Arrived at bc
  + Began the day with diagnosing the lambda function problem
  + Looked back to local python function for reference
  + Realized lambda function was making a call to decode a string which isn’t valid
  + Looked further into the lambda function, and decided that it would not work with kenesis firehose
  + Joined the re:inforce livestream
    - Learned about the basics of security
    - Learned about minimal permission policy
    - Learned about the scalability of s3 buckets and no-state environments
  + Went back to the drawing board with the lambda function
    - Diagnosed how to find the log data
    - Couldn’t figure out how to decode data to make it readable despite being able to unzipit
  + Tried a new method of porting over the flow logs, making a direct connection to s3
    - Was able to successfully configure a flow log into s3 bucket
      * Was able to make athena query the info from the s3 bucket
      * The data lacked a time stamp, but had a integer version of a start and end time that can be queried
      * Made a quicksight data set using the athena data table from the s3 bucket
        + Was able to visualize the information from the data set
  + Looked into elastic bean stalk for hosting the canvas instance
    - Started a elastic bean stalk docker instance
    - Was able to configure it with latest docker version
    - Took the Jenkins and canvas repos and forked them to my personal repo for datapipeline
    - Needed to set up an ubuntu ec2 to host a Jenkins server
      * Ran into problems with the Jenkins installation
      * It was not configuring it correctly, so I tried again from scratch with the same error
    - Looked on with chandler and kayce as they attempted to connect to the postgres server in the background of the canvas instance
    - Were able to ssh in, but got stopped at postgres connection
  + Was given a laptop to wipe
    - The laptop had a corrupted HDD that must of corrupted on startup
    - Attempted to reset computer from online image
      * Not successful
    - Attempted to reset from a restore point
      * Not successful because there was non
    - Borrowed a HDD from Mike to make a bootable hdd with windows 10 on it
      * Forgot to backup contents and wont make the mistake again
      * Successfully created bootable device
      * Went into bios and changed boot order
      * Stopped at bootable option, and booted from bootable device
      * Installed windows 10, after formatting the old partition that was corrupted
      * Reallocated the memory
      * Installed windows
      * Setup the computer, with a generic password
        + Did not connect the computer to the internet
        + May need to activate windows on the computer eventually
  + Installed CLI on local machine to directly access aws resources
    - This can be useful to manipulate the s3 information
      * This may be a dead end so I am reluctant to go down this path