Thursday

* Tech call
  + Goals
    - Lambda
    - Study
      * Aws
      * Woocommerce connector
    - Help anyone who needs help
    - Okta
* Nationals call
* Lambda
  + Started working on lambda again to decipher exactly what to implement to prune snapshots
    - Decided to move away from a list and go with a dictionary
    - This would be helpful if using the ami as the key and a list of snapshots as the value
    - I tested it out
    - The code worked
    - Made a loop to separate key value pairs and possibly use this in the try except statement at the bottom
* Okta
  + Mike
    - Mike asked me to implement Instagram
      * Looked in catalogged apps
        + Found Instagram

It’s a joint account

1 username

1 password

* + - * + Set the signon to 1 password 1 username
        + Assigned it to myself, mike, Kieran, and chandler
        + Tested it and it worked
  + Eric
    - Okta setup
      * Activated eric in okta
    - Paylocity
      * Erics having trouble in paylocity
      * I contacted holly for a password reset
      * She reset erics password and sent him a confirmation email
      * Eric got in with his new password and is g2g
* Lambda
  + Started to work through the error where snapshots wont delete without their root ami being deleted first
    - First put the statement splitting key value pairs before the delete snapshot section of the code
    - It worked like a charm splitting the key pair values into string name of ami and list of associated snapshots
    - Did some research online looking for a way to delete ami’s
      * Saw that the ec2.client in boto3 has a method deregister\_image
    - Applied this method into my loop
    - I did so by adding it down before the try statement that deletes snapshots
    - This is important because it compares the current snapshot id, and searches the dictionary to see if an ami(key) has the snapshot within its snapshot list(value)
      * It worked but I got an error message talking about permission issues
    - Went into aws documentation and searched through the policy actions category
      * Went to ec2
        + And found a section dedicated to deregistering ami’s
    - Appended the action to the current policy attached to the lambda
    - Passed it and it failed after deleting an ami
      * Wondered why it was failing
    - Ran it again and it failed on another image
      * Then I thought oh I know why… its because there can be multiple snapshots associated with one ami
      * Thus I had to do a try except
      * This way if a ami was already deleted another associated snapshot wouldn’t try to delete the same ami
    - There were still two snapshots that weren’t getting deleted
    - Found out that this was because they were being kept alive by aws backup
      * If I wanted to delete the ami’s then I would have to delete the backup
        + The flow looked like this backup -> ami -> snapshot
    - I decided it would probably be best if we didn’t go down the rabbit hole of deleting backups
    - I know how to do it, but I would have to create a backup client in the function as well
      * Do more loops
      * Make the function more expensive
    - If it is a case where these backups become more prevalent, I will implement a backup wipe
    - The prune did exactly what it was supposed to do
    - Reduced the amount of volumes dramatically
      * Pruned maybe 8-12 old volumes that were just sitting when we had newer backups
    - Want to put these methods on a chron
* Kayce
  + Kayce contacted me and let me know that he wanted me to snag all the square connectors with creation dates
    - Made a word document with all the connectors, dates, and a Boolean telling if they were active or not
  + He then said it would be better if we had an excel spreadsheet of them
    - Copied the data over and made an excel spreadsheet and sent it to him
* John
  + John messaged me asking how much knowledge I had in R
    - I told him I was decent
    - He wanted to know my knowledge on reading in xlsx files and grabbing data from columns
    - I didn’t know too much but R has a lot of similarities to Python and I did that in python when making the fivetran scraper
    - I found a similar library to the one I used in python
      * Readxl
    - Passed the information on to john along with an article that can strip data out of columns
      * Its weird because it casted number values as chars, but he can probably make another empty dataset, and cast the char values to int values
      * Then his data would be mutable
* Lambda
  + Went back and ran the snapshot script
  + Added it to the eventbridge rule that does monthly snaps
  + Deleted the pointless lambda function
  + Appended the sns to the lambda function that now does the snaps
    - To do tomorrow
      * Delete the snap part of the rule
      * Append prune to restart rule
      * Attach sns to the prune rule