Condo Daily Report 10-06-21

Wednesday

* CloudFormation
  + Deleted old stacks
  + Added newly updated stack files to s3 bucket
  + Launched the bear stack
    - The bear stack now launches without any problems
* DataLake planning
  + Looking into a new plan
    - Fivetran -> Crawler -> S3 -> Athena -> S3 -> Snowpipe -> snowflake
      * After initial
        + Fivetran -> Crawler -> S3 ->SnowPipe -? Snowflake
    - Snowpipe integration and do the transformations in house(snowflake)
      * This would be a job more detailed towards ben
* CloudFormation
  + EventStack
    - Wanted to make a rule for eventbridge
      * This is important because events can act as triggers for lambda functions
      * They can also be used to reset instances, or even send notifications on a timer
      * We used an eventbridge rule to reset the portal server monthly and to take a snapshot of the instance right beforehand
        + Began to go through the trials of creating this
        + Was able to successfully create an eventbridge rule
        + Was able to connect the rule to a topic
        + Was able to launch the rule every minute which triggers a topic that was created in another stack
  + Bear stack
    - Tried to implement all of these together
    - It failed
      * Didn’t know why it failed
      * Figured out it was a problem with the codecommit repo
      * Decided to pull from github then repush
      * The structure seemed better
      * Something went wrong within the referencing in the bearstack
      * Replaced some of the sub methods
      * Reverted back to an original template
        + That launched which means it was a problem with the new stack
      * Looked through the stack
      * Found a statement error
      * Clause that I put “scheduleExpression” wanted value “ScheduleExpression”
      * Fixed that then launched
      * Made it past this step then got caught on bear bucket stack
      * Went back through to see what was wrong
      * Turned out that the bucket name I passed was already in use
      * Changed bucket name
      * Whole stack launched
* Snowflake & tabpy
  + Started parsing through the articles kayce sent me
    - First article talks about launching tabpy from within a docker image
    - This could be a good method
    - Once this is complete we would move onto starsnow to tabpy back to snowflake integration
    - This will be the next step
    - This is important because this pipeline will allow analysts to use python for their predictions
    - This will offer powerful implementations