Condo Daily Report 10-04-21

Monday

* Weekly Scrum
  + Goals
    - Fivetran scraper
      * Version for windows
      * Talk about a chron
      * Email service to kayce for publish
        + If we can just push to sharepoint cut out the middleman
    - CloudFormation
      * Implement changes that we have been making over past weeks
        + SNS

SMS

SQS

SNS(email)

* + - * + CodeCommit
        + CodeBuild
        + CodePipeline
        + CodeDeploy?

Haven’t had a use for this yet

I am also still wrapping my head around the understanding of codedeploy

* + - Okta
      * Get snowflake working with okta
        + Okta support said no help on their side
        + Contact snowflake support to set up a meeting with them
    - CI/CD deployments
      * Just work on understanding and bettering these deployments
      * Maybe even have it work with the fivetran scraper
    - Terraform
      * Further understanding of terraform
        + Review code made on github
      * Attempt to make own template
      * Deploy aws resources with terraform?
    - AWS Modules & training
      * 1 hour of SAA training this week
      * 2 modules to make up for the one that was missed last week
* Fivetran Scraper
  + Needed to implement a windows version of it
    - Ran into problems with selenium
    - We set a windows environmental variable before but it wasn’t sticking
    - Ended up moving the path of the chromedriver.exe
    - Targeted that path in variable initialization
      * Thought that it wanted me to target the directory but in reality it wanted me to target the driver file itself
      * Its not running headless, but that’s fine
        + The scraper still works and the excel file is still formatted correctly
    - Adapted all given paths that weren’t automated to windows
      * This means using ‘\\’ instead of ‘/’
        + You need double backslash because backslash is an escape character
* CloudFormation
  + Stack Layout
    - Want to implement the new tools we are using
      * This includes
        + Sns
        + Codecommit
        + Codebuild
        + CodePipeline
      * CodeCommit
        + Looked at aws documentation

Looked into all required items first

Copy pasted resource template

Started by commenting out all the items that weren’t required

Realized it would probably be easier to use a codecommit repo that was already made

Commented out the repo

* + - * CodeBuild
        + Looked at aws documentation

Copied the structure over to yaml

Commented out most items that weren’t required

Grabbed the clone url from the practice repo in codecommit

Filled out other info

Pushed it to be dependent on CodePipeline

Will reimplement for it to be standalone

Launched several times because it wouldn’t build with certain configs

Finally built and a build project resource was available to view in CodeBuild

* + - * CodePipeline
        + Went through and copied the aws structure

Went through and tried to make a build but fell confused in the artifacts spot

I am not sure how the pipeline connects to the other resources that were made and it is something I am going to have to plan out better

* + - * SNS
        + Created a SNS topic

A mock tech team topic

* + - * + Created sns subs

Created a subscription for email

Created a sub for sms

* + - * + Tried to launch within the monitor stack

Upon 3 unsuccessful builds I ran out of time in the day

* SageMaker
  + Hopped on a call with ben, john, parker, and kayce
    - Within the call we were trying to diagnose a problem
    - The problem was the mapping was incorrect with the date type
    - Tried to build again and the model wouldn’t build
      * this is because some of the items in the data set were measurements with quotes
      * these quotes tricked the mapping into thinking there were more items
      * I was able to deduce this by using cloudwatch logs with api references
    - Got another error stating the number of columns was mismatched from expected columns
    - Made a new model with modified data set which we will run tomorrow