Condo Daily Report 9-20-21

Monday

* CloudFormation
  + Solving Cross Reference Issue
    - Found a tool that allowed me to pass a string in and manipulate it using a cloudformation macro
      * With this tool I was attempting to figure out how to use one of its features to edit the arn to be an allowed output value
        + The problem was slashes are not allowed in the output section
        + Attempted to use strip method

Applied the method but the string did not change

Found that the strip method only removes values from the back and front of input string

This is useful for clearing whitespace, or special characters that don’t belong

Switched to the replace method that finds a specific substring and changes it

I replaced the “/” substring with a “” character

This seemed to work and I began to make changes

I changed the outputs of all networks

Changed the exports of the bucket stack

* + - Got a new error message with the bucket exports
      * Didn’t find out why I just copy pasted similar code I had written and tested from another section and it worked
        + I would assume there was a format error in the spaces
    - Fixed the error and it seemed to work
    - Ran into another issue where it was saying no such export existed in the monitor stack
      * I am not exactly sure why this error is occurring, but I believe it has something to do with all of the stacks being created simultaneously
        + Some stacks have dependencies on others
    - Attempted to use AWS::CloudFormation::WaitCondition
      * I thought this would work to force stack creation in a specific order
      * Got an error saying they need WaitConditionHandles
        + Made some handles and it made no difference
    - Started looking up solutions on how to enforce top to bottom execution
* Tableau -> Sagemaker
  + Kayce told me that he needed an integration of tableau and sagemaker
    - Kayce gave me some documentation to follow
    - The documentation had me start with creating IAM users
      * Already had that
    - It wanted a public domain to access through route53
      * We had one on the developer aws instance and was going to use it, but it will be used for caap so we avoided it so there would be no collision
    - Made a new public domain on route 53 called bearcognition-tab.com
    - Went to ACM to get an SSL
      * Entered in the new domain
      * Tagged the SSL
      * Got the configuration settings
      * Went back to route 53 and entered the configuration settings into a record
      * Waited for about 5-10 min until the SSL and domain validated
    - QuickStarted the sagemaker tableau integration
      * Applied the quickstart to the bearVPC and the portaltableau subnet
      * Signed into config
    - Went to parkers office
      * Walked john and parker through how to integrate the api connection using the SSL I generated
      * After their usernames and passwords were input their credentials were verified along with their connection
    - Went to lilies office and did the same thing
    - Will keep in mind the queries and watch the api calls to make sure production goes smoothly