Condo Daily Report 9-27-21

Monday

* Monday Standup
  + Talked about goals for the week
    - Talked about Ci-Cd implementation
    - Github Dup
    - Sagemaker models, and implementation
    - Snowflake with okta
    - Full okta implementation
    - Module of the week
    - SAA training
* Github -> CodeCommit
  + CodeCommit
    - Created repos
      * Github -> CodeCommit
        + Bearcogs-Website
        + dataAnalytics
        + five\_tran
        + Portal-Teknion
    - Created test repos
      * Github create
        + Practice repo
      * Cloned repo to local machine
      * Wrote code
      * Committed and pushed changes
      * Ran into problem with the push
        + Since we work on two separate aws accounts (prod & dev) the credentials for git get saved
        + This creates a conflict and you are unable to see the repository despite what the aws config is
        + To fix it go into control panel->credential manager->windows credentials

Look for git-codecommit yada yada yada

Delete it then push or pull from the codecommit repo again and it will allow you to re sign in

* + - * Code was pushed and now we have some updated code
* CodeCommit->CodeBuild
  + Did some research on how to construct datapipeline
    - Decided first step was CodeBuild
    - Needed to make a buildspec.yml file and some code to test
    - First I wrote the code to test
      * In the code to test I created a simple function file
      * then created a unit test file that tests the function
        + this step is important because I didn’t know if pipeline would fail if unit test fails
      * then I wrote the buildspec
        + this took a little while to understand the structure
        + wrote it to run the unit test first then the code

this will be a good practice to do unit test then code you are deploying

* + - * + wrote some echo commands to go along with the scripts to show the process in the logs
    - pushed changes to the repo then launched a codebuild project and attached the buildspec.yml file and let it rip
    - first try it failed due to some syntax issues, upon fixing these bugs I was able to make the code pass the build
* CodeBuild&CodePipeline
  + Created a code pipeline
  + Attached the build created above
  + Created the CI part
  + Skipped the CD part because I ran out of time in the day
  + The pipeline worked and showed the pull stage, and the ci stage
  + I changed the unit test to fail to see if it would throw an error in the pipeline
    - It did just as expected, and failed the pipeline