**HealthScore & Containment Project Production Deployment**

**AWS Account:** AWS\_CCI\_AICOESANDBOX\_N

**Database**: healthscore\_prod

**Athena Tables:**

* healthscore\_master
* healthscore\_actual\_data
* healthscore\_percent\_both
* healthscore\_calculations
* containment\_metric\_master
* containment\_metric\_raw\_data
* containment\_metric\_data
* containment\_metric\_calculation

**Views:**

* vw\_hs\_dashboard
* vw\_hs\_dashboard\_60

**AWS SERVICES CONFIGURATION:**

**S3 BUCKET:**

* S3 bucket Name: cci-dig-aicoe-data-sb
* Region: Us-east-1
* Folders:
  + healthscore\_rawfile / - To store raw csv file
  + healthscore\_configfile/ - To store config json file
  + healthscore\_master/ - To store target output parquet files
  + healthscore\_actual\_data/ - To store target output parquet files
  + healthscore\_percent\_both/ - To store target output parquet files
  + healthscore\_calculations/ - To store target output parquet files
  + containment\_metric\_config/ - To store config json file
  + containment\_metric\_master/ - To store target output parquet files
  + containment\_metric\_raw\_data/ - To store target output parquet files
  + containment\_metric\_data/ - To store target output parquet files
  + containment\_metric\_calculation/ - To store target output parquet files
* Bucket policies, permissions, or access control lists (ACLs): Default

**GLUE JOB1 CONFIGURATION - Health score:**

* **Job Name:** healthscore\_dashboard
* IAM role: cci-svc-glue-execution
* Job Type: Spark
* Glue Version: Glue 5.0
* Language: Python 3
* Worker Type: G.1X
* Maximum No. of Workers: 5
* Job Bookmark: Enable
* Job metrics: Enable
* Job observability metrics: Enable
* Continuous logging: Enable
* Maximum Concurrency: 1
* PySpark Script 
* Config json file : 

**GLUE JOB2 CONFIGURATION – Containment Metric:**

* **Job Name:** containment\_metric\_dashboard
* IAM role: cci-svc-glue-execution
* Job Type: Spark
* Glue Version: Glue 5.0
* Language: Python 3
* Worker Type: G.1X
* Maximum No. of Workers: 5
* Job Bookmark: Enable
* Job metrics: Enable
* Job observability metrics: Enable
* Continuous logging: Enable
* Maximum Concurrency: 1
* PySpark Script : 
* Config json file : 

**GLUE CRAWLER CONFIGURATION - HealthScore:**

* **Name:** healthscore\_dashboard
* IAM Role: cci-svc-glue-execution
* Database: healthscore\_prod
* Classifiers: No
* Data Sources:
  + containment\_metric\_master/
  + containment\_metric\_raw\_data/
  + containment\_metric\_data/
  + containment\_metric\_calculation/
* Scheduling: On-Demand

**GLUE CRAWLER CONFIGURATION – Containment\_Metric:**

* **Name:** containment\_metirc
* IAM Role: cci-svc-glue-execution
* Database: healthscore\_prod
* Classifiers: No
* Data Sources:
  + healthscore\_master/
  + healthscore\_actual\_data/
  + healthscore\_percent\_both/
  + healthscore\_calculations/
* Scheduling: On-Demand

**IAM ROLES & PERMISSIONS:**

**IAM ROLE:** **cci-svc-glue-execution**

* S3 read & write permission required
* Cloud watch permission required to check the logs

**GLUE JOB RUNTIME - Healthscore**: 3 Minutes

**GLUE JOB RUNTIME - Containment\_Metric**: 10 Minutes

**TABLEAU DASHBOARD INFORMATION**

**DASHBOARD NAME:** Cox App Health Dashboard

**Production URL Path:** [https://bi-viz.corp.cox.com/#](https://bi-viz.corp.cox.com/)

**Navigation Path:** Cox Enterprise ->[Explore](https://bi-viz.corp.cox.com/#/explore?:iid=1) ->[Digital Marketing](https://bi-viz.corp.cox.com/#/projects/533) ->Cox App Health Dashboard

**Production Dashboard Link:** <https://bi-viz.corp.cox.com/#/workbooks/30244/views>

**TABLEAU CONNECTION TO AWS:**  
 **JDBC Connection:**   
jdbc:awsathena://AwsRegion=us-east-1;AwsCredentialsProviderClass=com.simba.athena.amazonaws.auth.profile.ProfileCredentialsProvider;AwsCredentialsProviderArguments=767397783814\_ps-appteam-rw-n  
  
**Extract Refresh Time:**Extract: Daily at 7:00AM – All days of the week, at 7:00 AM (UTC-05:00) America/New\_York