**CIAM Project Production Deployment**

**AWS ACCOUNT:** AWS\_CCI\_AICOESANDBOX\_N

**Database**: ciam\_datamodel

**Athena Target Tables:**

* account\_dim
* profile\_dim
* transcation\_adobe\_fact
* transaction\_okta\_user\_agg
* transaction\_okta\_day\_agg
* job\_log\_table

**Views**

* account\_aggregated\_view
* profile\_aggregated\_view

**Database**: ciam\_datamodel

**Athena Tables -** For Digital Adoption Analysis

* digital\_adoption\_omni\_intent
* digital\_adoption\_omni\_intent1
* digital\_adoption\_omni\_intent\_detail
* digital\_adoption\_omni\_intent\_detail\_final\_1
* digital\_adoption\_omni\_intent\_final
* digital\_adoption\_omni\_intent\_final\_1
* digital\_adoption\_omni\_inter\_intent
* digital\_adoption\_omni\_inter\_intent1
* digital\_adoption\_omni\_inter\_intent\_detail
* digital\_adoption\_omni\_inter\_intent\_detail\_final\_1
* digital\_adoption\_omni\_inter\_intent\_final
* digital\_adoption\_omni\_inter\_intent\_final\_1

**AWS SERVICES CONFIGURATION:**

**S3 BUCKET:**

* S3 bucket Name: cci-dig-aicoe-data-sb
* Region: Us-east-1
* Folders:
  + account\_dim / - To store target output parquet files
  + profile\_dim/ - To store target output parquet files
  + transcation\_adobe\_fact/ - To store target output parquet files
  + transaction\_okta\_user\_agg/ - To store target output parquet files
  + transaction\_okta\_day\_agg/ - To store target output parquet files
  + job\_log\_table/ - To store target output parquet files
* Bucket policies, permissions, or access control lists (ACLs) : Default

**GLUE JOB CONFIGURATION:**

* Job Name: ciam\_prod
* IAM role: cci-svc-glue-execution
* Job Type: Spark
* Glue Version: Glue 5.0
* Language: Python 3
* Worker Type: G.4X
* Maximum No. of Workers: 20
* Job Bookmark: Enable
* Job metrics: Enable
* Job observability metrics: Enable
* Continuous logging: Enable
* Maximum Concurrency: 1
* PySpark Script : 

**GLUE CRAWLER CONFIGURATION:**

* Name: ciam\_crawler
* IAM Role: cci-svc-glue-execution
* Database: ciam\_datamodel
* Classifiers: No
* Data Sources:
  + account\_dim /
  + profile\_dim/
  + transcation\_adobe\_fact/
  + transaction\_okta\_user\_agg/
  + transaction\_okta\_day\_agg/
  + job\_log\_table/
* 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**:

* For 13 months - 1hr. 6 mins
* For latest current months - 20 mins

**TABLEAU DASHBOARD INFORMATION**

**DASHBOARD NAME:** CIAM – Customer Profile and Activity Dashboard

**Production URL Path:** <https://bi-viz.corp.cox.com/#/home/>

**Navigation Path:** Cox Enterprise -> Explore -> Digital Marketing -> CIAM – Customer Profile and Activity Dashboard

**Production Dashboard Link:** <https://bi-viz.corp.cox.com/#/views/CIAM-CustomerProfileandActivityDashboard/CustomerProfile/>

**TABLEAU CONNECTION TO AWS:**

**JDBC Connection:**   
jdbc:awsathena://AwsRegion=us-east-1;S3OutputLocation=s3://aws-athena-query-results-767397783814/logs/\*;AwsCredentialsProviderClass=com.simba.athena.amazonaws.auth.profile.ProfileCredentialsProvider;AwsCredentialsProviderArguments=aicoe-dig-marketing  
  
**Extract Refresh Time:**Extract: Daily at 7:00AM – All days of the week, at 7:00 AM (UTC-05:00) America/New\_York