**Pliant Control Document**

1. **Data Delivery:**

* **Vendor:** IQVIA (PharMetrics and LRx-Dx)
* **Sftp Location: only tim have access**
* **File Format:** gz, dat,csv **.**
* **Date:**

1. **Data Destination:**
   * **Amazon S3 Bucket:**
     1. **PharMetrics**: s3://commdata/CommData/PharMetrics/SFDC2923642/2022\_12/
     2. **LRxData**: s3://commdata/CommData/LRxData/

* **Redshift Database:** Commdata
* **Date you can check with Vikash based on project planner you can add**
* **Redshift Cluster:** Redshift [is this correct?] put host name shared with you previously and everyone password details.
* **Schema:**
  1. Laad\_data
  2. Pharmetrics
* **Table:** raw data as received from vendor.

|  |  |  |
| --- | --- | --- |
| **Sr.no** | **Pharmetrics** | **Laad\_data** |
| 1 | claims | diagnosis |
| 2 | cpt\_codes | dc\_claim |
| 3 | dx\_codes | dx\_p\_provider |
| 4 | dx\_lookup | patient |
| 5 | enroll | patient\_act |
| 6 | enroll2 | plan |
| 7 | ndc\_code | procedure |
| 8 | pos\_lookup | procedure\_modifier |
| 9 | pr\_lookup | products |
| 10 | rev\_lookup | provider |
| 11 | rx\_lookup | rx\_claim |

1. **Process Overview:**

* Vendor data is received on the sftp server.
* Data files are uploaded into the designated pliant S3 bucket. (in detail explanation )

**Put path here from account**

* Data is loaded from S3 to Redshift data warehouse. (in detail explanation )

Add few copy command for sample nothing else needed

1. **Security and Access:**

* **Data on S3**: the S3 bucket is private and accessible only to specific IAM roles.
* **Data Loading:** Redshift allows access only through specified IAM role and credentials.
* **Network Security:** Ensure that network ACLs and security groups restrict access appropriately.

1. **AWS components:**

* **IAM Role:**
  + **S3 Read Access role: mention here,yes check account some role I had created**
  + **Redshift Load Access Role: mention here**

**In copy command you can see some linkage.**

1. **Data Loading Procedure:**

* **Step1:** Retrieve data files from SFTP server using Provided credentials.
* **Step2:** Upload data file to designated s3 bucket.
* **Step3.** Execute the ETL job to load data from s3 to redshift.

1. **Maintenance and Retention:**

* Scheduled snapshot two times in day and deleting after 24 hours.

1. **Contacts:** 
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