After running the s3\_file\_uploader file:

A screenshot of a computer

Description automatically generated

A screenshot of a phone

Description automatically generated

As you can see now originations json files and payments json files is on s3 object store:

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Two sources has been set on Airbyte to Extract to our db warehouse:

One for the originations json files

And the other for payments json files

A screenshot of a computer

Description automatically generated

And the Clickhouse warehouse destination:

A screenshot of a phone

Description automatically generated

To extract data from the json files and insert into the dwh the connections has been created:

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Description automatically generated

Payments data into Clickhouse:

A screenshot of a computer

Description automatically generated

Originations was decomposed into two tables,

The Originations one:

A screenshot of a computer

Description automatically generated

And Installments:

A screenshot of a computer

Description automatically generated

SELECT  
 *toDate*(transaction\_date) AS date,  
 *sum*(*if*(Transaction\_types = 'Deposit', amount, 0)) AS daily\_total\_deposits,  
 *countIf*(Transaction\_types = 'Deposit') AS daily\_deposit\_count,  
 *uniqIf*(Playier\_ID, Transaction\_types = 'Deposit') AS daily\_unique\_depositors,  
 *if*(daily\_deposit\_count > 0, daily\_total\_deposits / daily\_deposit\_count, 0) AS daily\_average\_deposit  
FROM transactions  
WHERE *toYYYYMM*(transaction\_date) = 202404  
GROUP BY date  
ORDER BY date  
  
  
WITH daily\_stats AS (  
 SELECT   
 toDate(transaction\_date) AS date,  
 sum(if(Transaction\_types = 'Deposit', amount, 0)) AS daily\_total\_deposits,  
 uniqIf(playier\_id, Transaction\_types = 'Deposit') AS daily\_unique\_depositors  
 FROM your\_table  
 WHERE toYYYYMM(transaction\_date) = 202404  
 GROUP BY date  
)  
SELECT   
 date,  
 *sum*(daily\_total\_deposits) OVER (ORDER BY date) AS cumulative\_total\_deposits,  
 *uniqMerge*(*uniqState*(daily\_unique\_depositors)) OVER (ORDER BY date) AS cumulative\_unique\_depositors  
FROM daily\_stats  
ORDER BY date