REMOTE WORK PROCEDURE ANALYSIS - SCREENSHOTS FROM AWS SERVICES

FIGURE 1

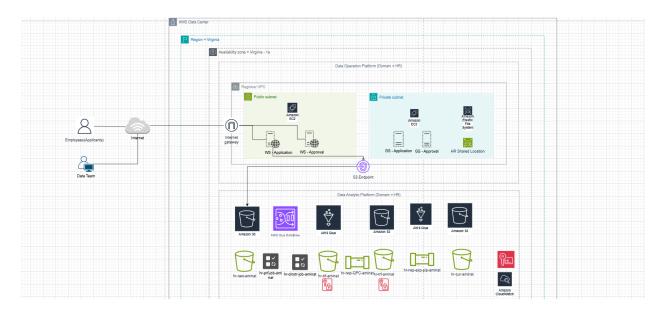
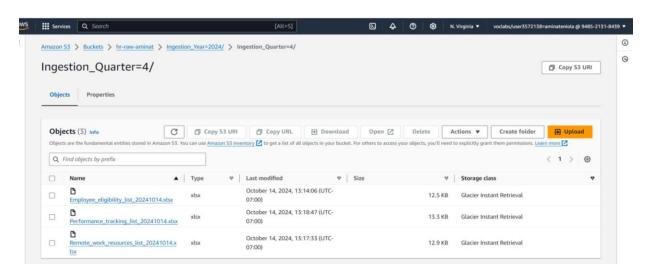


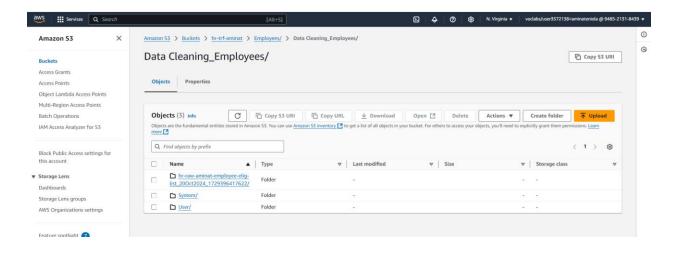
FIGURE 2 -

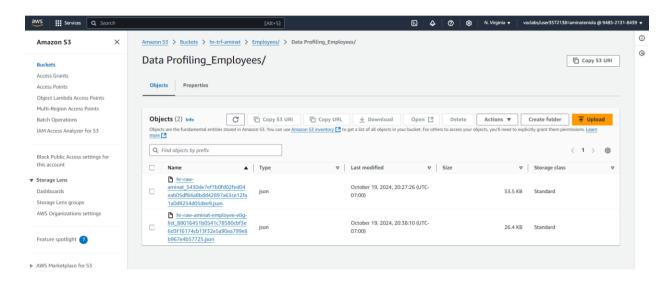


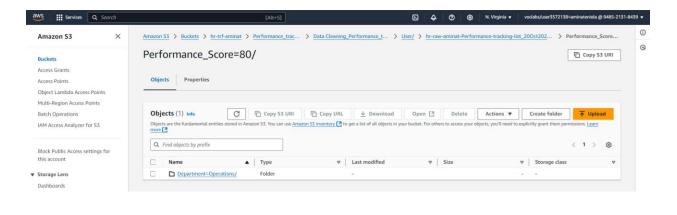
In this stage, the three datasets were cleaned using AWS Glue Databrew. It involved standardization of column naming and date formatting. These steps made the dataset accurate, consistent, and ready for further analysis. The use of AWS Glue Databrew for profiling and cleaning of the three datasets from

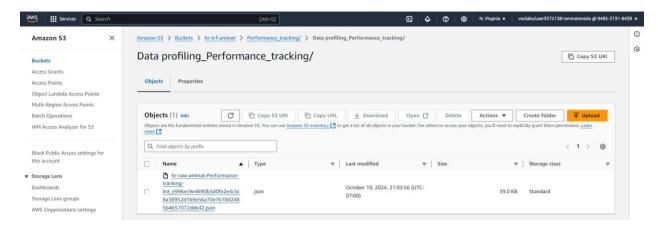
Remote work Procedure (namely) EMPLOYEES-ELIGIBITY-LIST, PERFORMANCE-TRACKING-LIST(HR), AND REMOTE RESOURCES LIST.

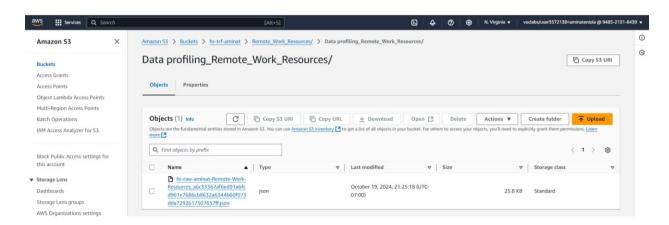
FIGURE 3- s3

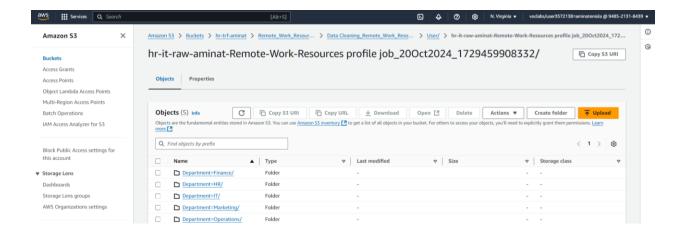










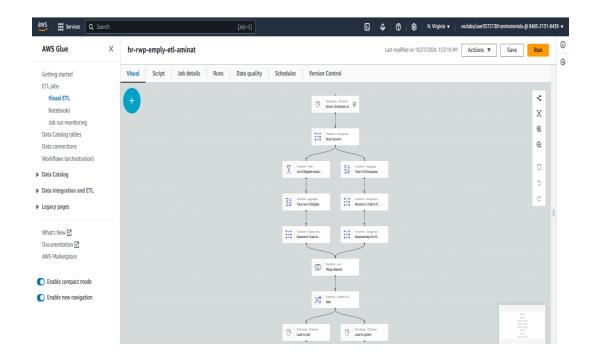


Business question (Dataset 1)

"How does remote work eligibility vary across employees and departments, and what implications does this have for resource allocation and policy adjustments?"

The question for descriptive analysis on the Employee Eligibility List:

- 1. What percentage of employees are eligible for remote work?
 - Metric: Count and percentage of eligible vs. ineligible employees. This provides a quick overview of the organization's stance on remote work eligibility and helps assess potential remote work policy impacts.



Business Question (Dataset 2):

"How is employee performance distributed across roles and departments, and what factors contribute to higher productivity levels in remote work?"

Data Question:

1. What is the average performance score across positions?

 Metric: Average performance score by role, highlighting roles with higher or lower productivity. And the distribution of feedback ratings among employees

FIGURE 8

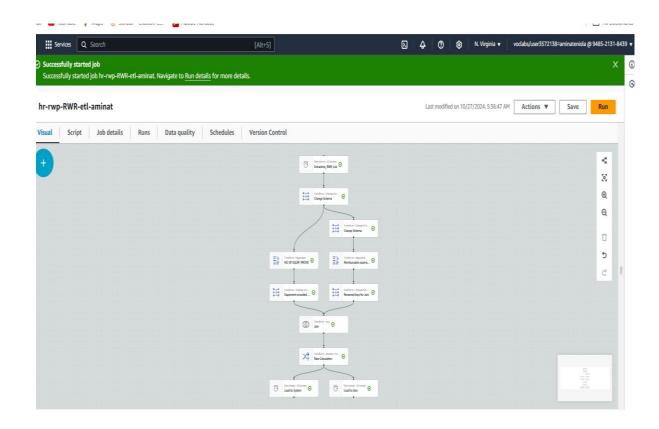


Business Question (Dataset 3):

"How effectively are remote work resources distributed across departments, and are they aligned with employee needs to support productivity?"

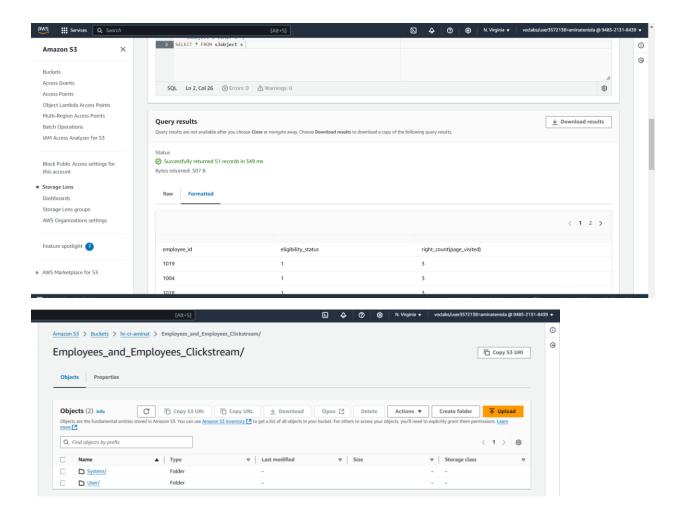
Data Question:

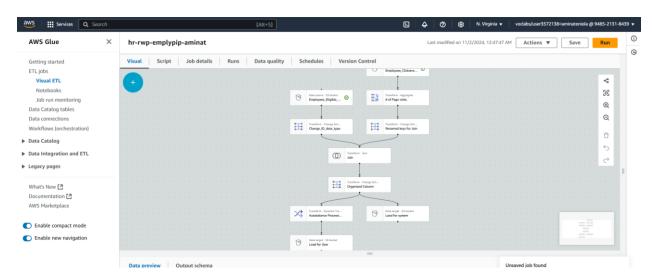
- 1. What percentage of employees have been provided with each type of equipment?
 - Metric: Count and percentage of employees with specific equipment (e.g., laptops, monitors) to determine resource allocation patterns.



Employees and Employees Eligibility Status – Diagnostic Analysis

The power of employee application clickstream sample data, captured through logins on a web virtual server (public subnet), to assess employee eligibility status comprehensively. This system tracks login frequencies, durations, and activities, providing real-time insights into employee engagement and compliance with remote work protocols. By mapping these data points against established eligibility criteria, the process not only identifies potential discrepancies but also pinpoints areas for proactive engagement and support, ensuring all employees meet the necessary standards for remote work eligibility.





Performance tracking and monitoring analysis (Dataset 2)

Leveraging AWS ETL and Glue, I designed a robust data processing pipeline focused on extracting and analyzing clickstream data from HR departmental logs on a secure private subnet. This setup meticulously correlates employees' remote login activities and work hours with their performance scores, ensuring that remote work does not compromise productivity.

FIGURE 12

IAM Access Analyzer for 53

Block Public Access settings

▼ Storage Lens

Dashboards

Storage Lens groups

Feature spotlight 7

Objects are the fundame

position≈Analyst/

position=Assistant/

position=Coordinator/

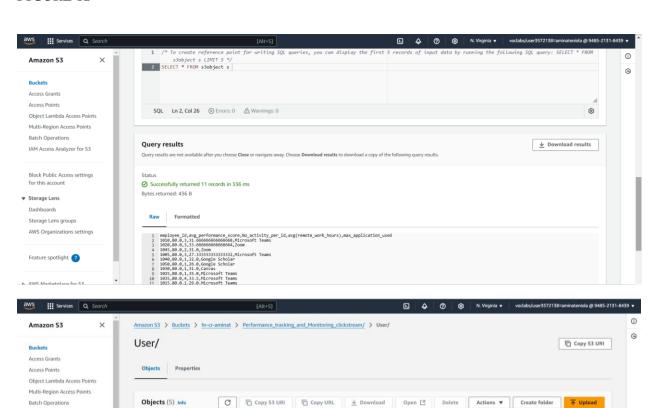
position=Executive/

position=Manager/

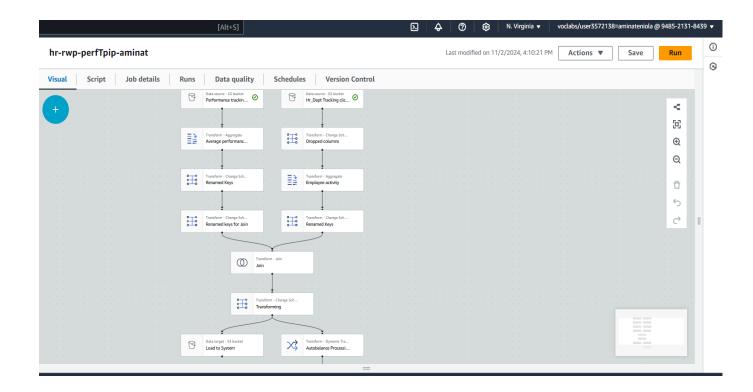
Folder

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Folder

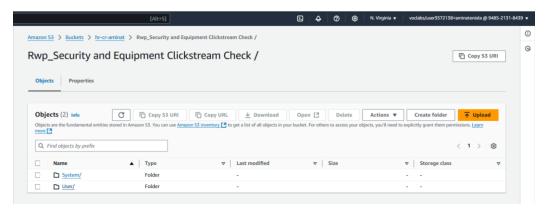


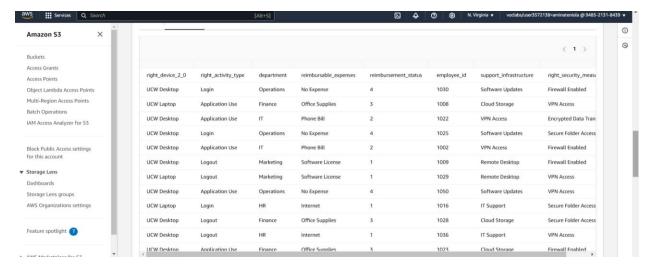
n S3. You can use Amazon S3 inventory 🗗 to get a list of all objects in your bucket. For other

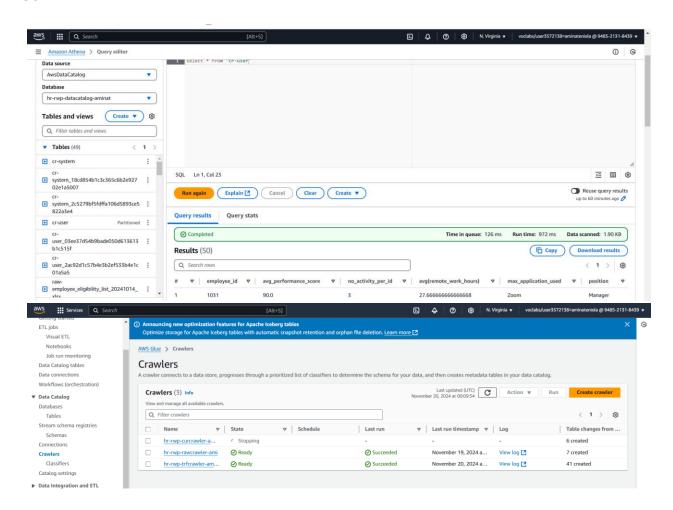


Remote Work Resources_Security and Equipment Clickstream Check

Using AWS ETL and Glue, I built a secure data pipeline that merges remote work resource data with clickstream logs, offering insights into resource usage and security compliance. By joining HR resource lists with activity logs, this setup reveals how provided equipment, reimbursable expenses, and security measures align with employee activity patterns. This streamlined view enables validation of reimbursement claims, assessment of equipment usage, and monitoring of security standards, supporting informed decisions in managing remote work effectively.







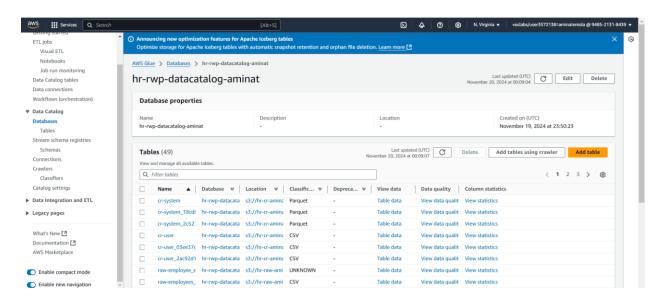
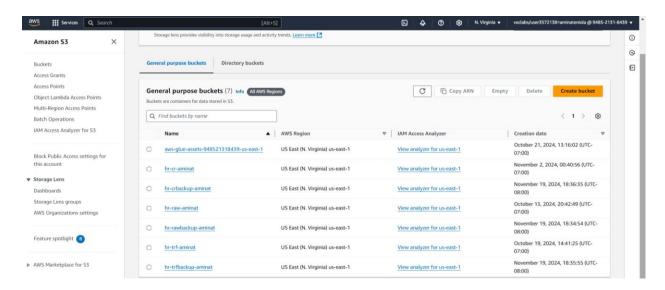


FIGURE 16-



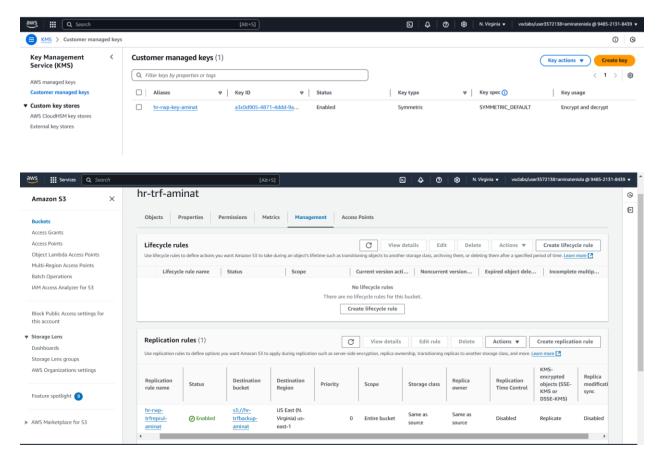


FIGURE 18

