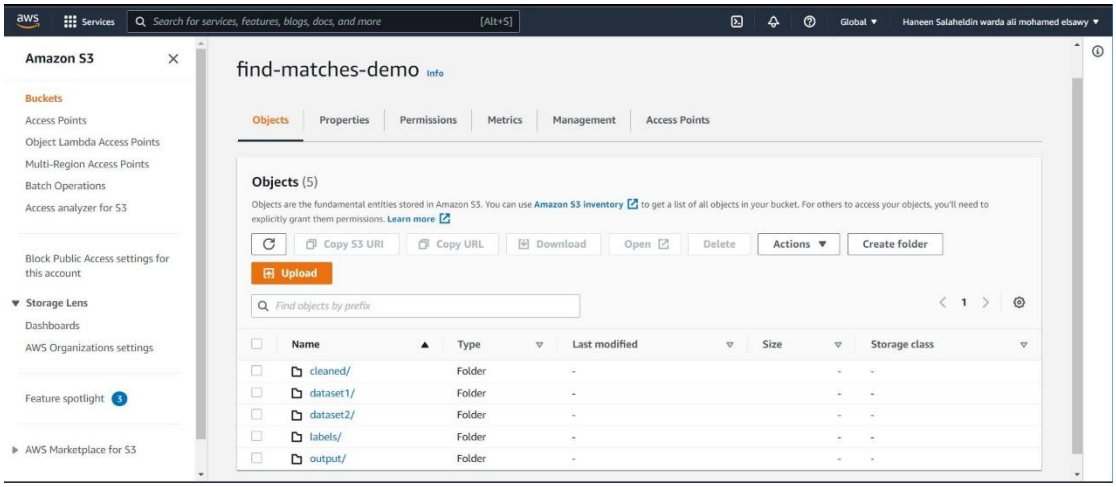
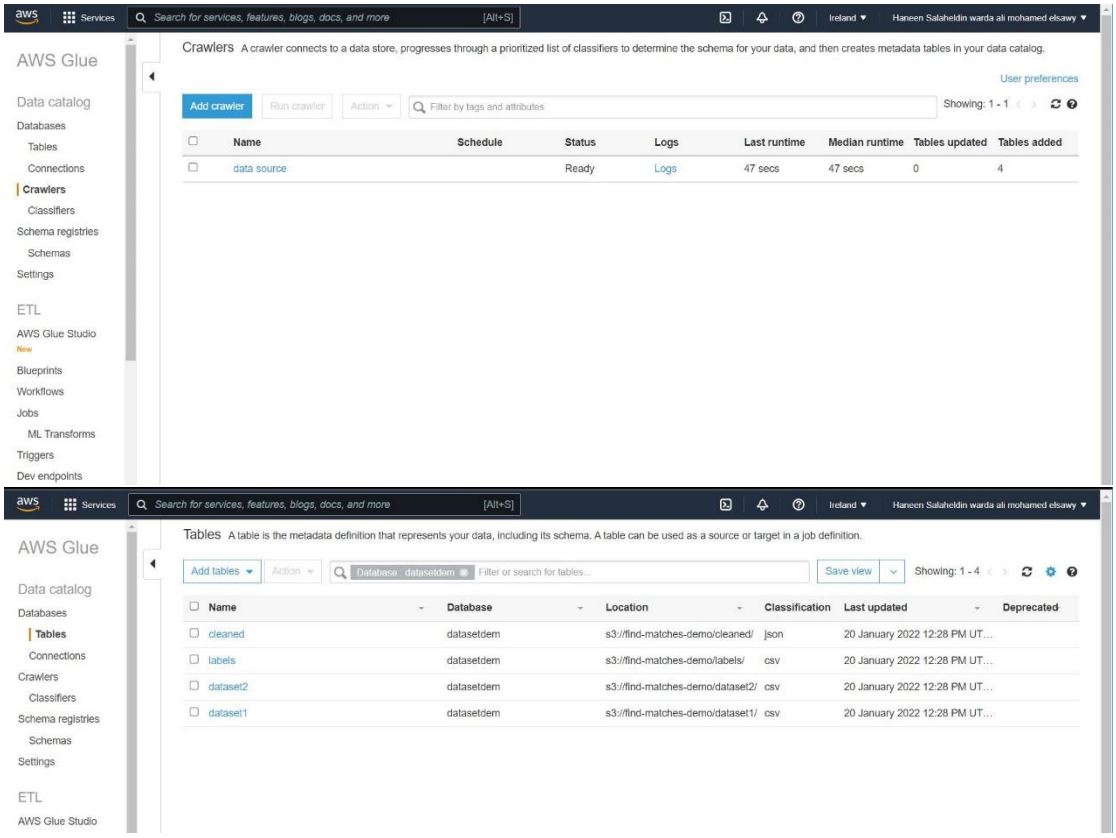
# HANEEN SALAH

AWS-Find-matches

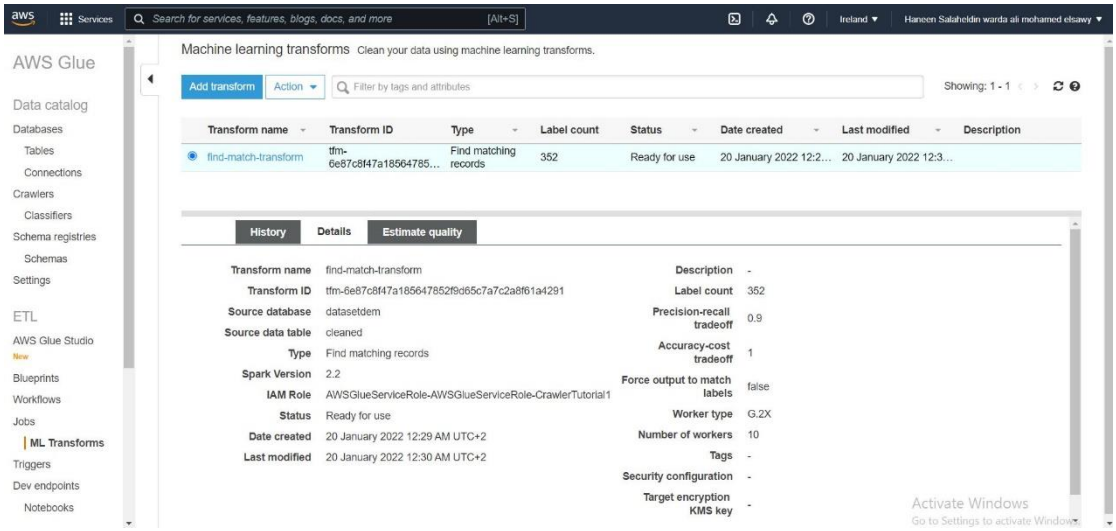
1) Create s3 bucket with folders as directories for dataset1, dataset2, output, labels, cleaned for the merged d1, d2 JSON file



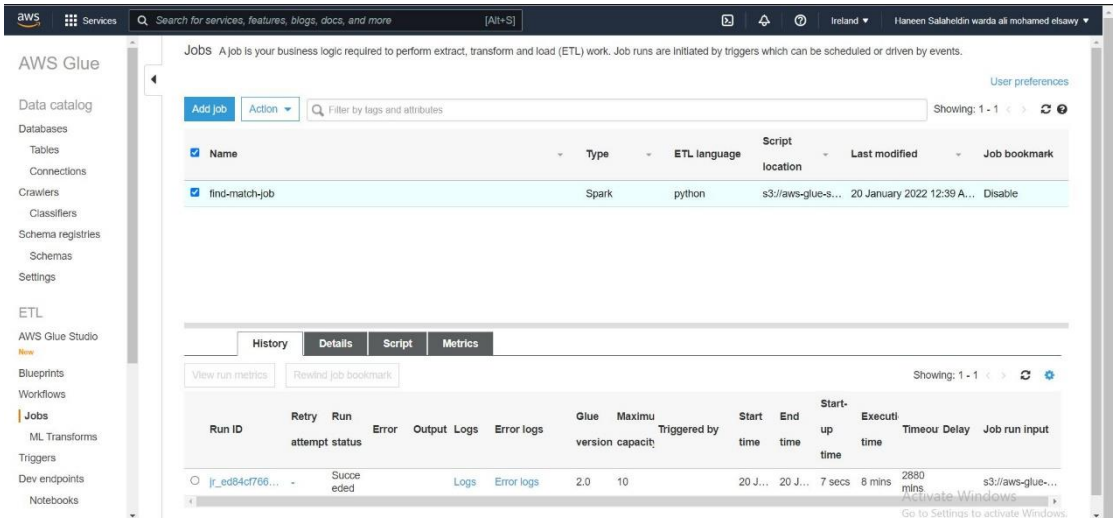

2) Create crawler



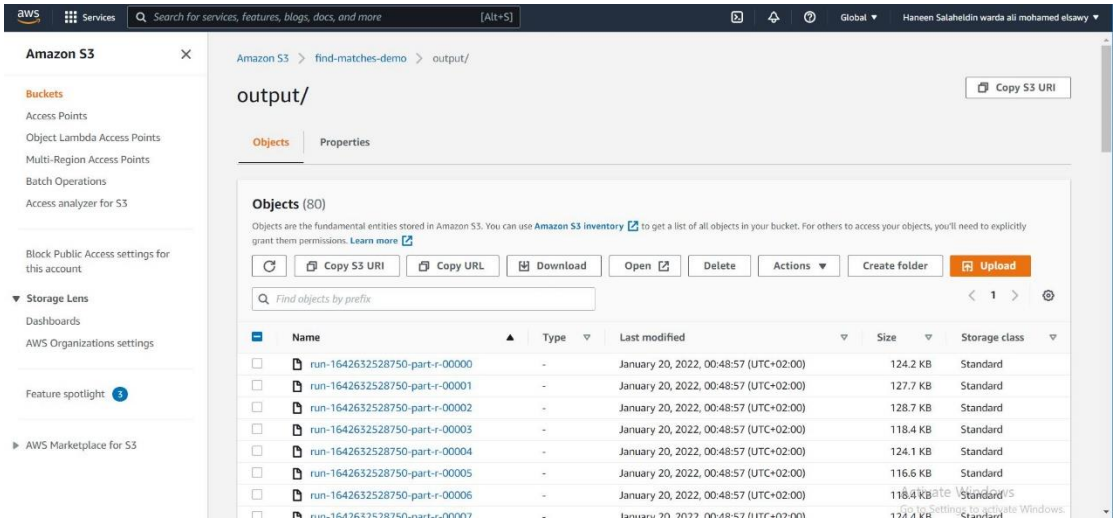
## 3) Create ml-transform and upload labels




## 4) Create and run job




## 5) Output

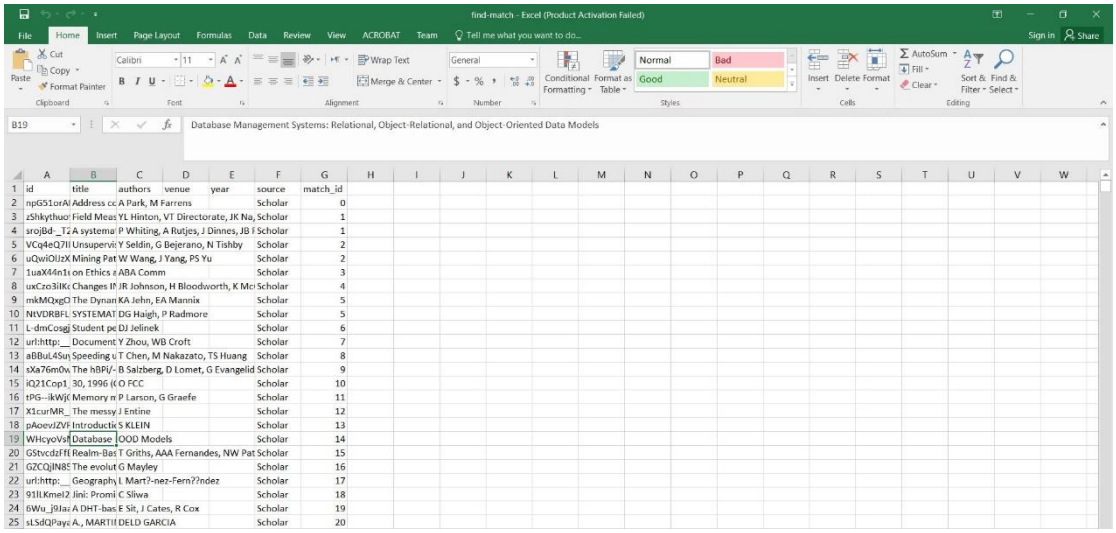


## 6) Merge multiple csv files into a single file

merge-mult-csv-out.py

```
#!/usr/bin/env python
# coding: utf-8

# In[6]:


import os
import glob
import pandas as pd


# In[7]:


os.chdir("D:\AWS\out")


# In[8]:


extension = 'csv'
all_filenames = [i for i in glob.glob('*.{}'.format(extension))]


# In[9]:


#combine all files in the list
combined_csv = pd.concat([pd.read_csv(f) for f in all_filenames ])
#export to csv
combined_csv.to_csv( "find-match.csv", index=False, encoding='utf-8-sig')


# In[ ]:
```

## 7) Csv final output sorted by match_id



find-match - Excel (Product Activation Failed)

B19: Database Management Systems: Relational, Object-Relational, and Object-Oriented Data Models

| | id | title | authors | venue | year | source | match_id |
|---|---|---|---|---|---|---|---|
| 2 | npG51orAl | Address cc | A Park, M Farrens | | | Scholar | 0 |
| 3 | zShkythuo | Field Meas | YL Hinton, VT Directorate, JK Na, | | | Scholar | 1 |
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| 8 | uxCzo3iIKc | Changes IP | JR Johnson, H Bloodworth, K Mc | | | Scholar | 4 |
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