

# Onboarding to OS-Climate

- Obtain a GitHub Account
  - Make yourself an access token
- Request an invitation to the **os-climate** GitHub organization
  - Particular **os-climate** team or teams
  - **odh-env-users** team for Open Data Hub / OpenShift tools
- Obtain a Trino Account
  - File an issue against [https://github.com/os-climate/os\\_c\\_data\\_commons](https://github.com/os-climate/os_c_data_commons)
  - Or send an email to [eje@redhat.com](mailto:eje@redhat.com)
  - Trino account name will be same as your GitHub account name
  - We send you a random password
- JupyterHub
  - <https://jupyterhub-odh-jupyterhub.apps.odh-cl1.apps.os-climate.org/>
- SuperSet
  - <https://superset-secure-odh-superset.apps.odh-cl1.apps.os-climate.org/>
- Example Jupyter Notebooks
  - <https://github.com/os-climate/data-platform-demo/tree/master/notebooks>

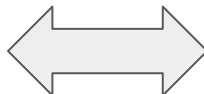
```
# a way to examine the structure of a pandas data frame
df.info(verbose=True)

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 35 entries, 0 to 34
Data columns (total 16 columns):
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1   company_id                            31 non-null     string
2   isic                                  0 non-null      Int64
3   country                              31 non-null     string
4   region                               31 non-null     string
5   industry_level_1                     0 non-null      Int64
6   industry_level_2                     0 non-null      Int64
7   industry_level_3                     0 non-null      Int64
8   industry_level_4                     0 non-null      Int64
9   sector                               31 non-null     string
10  company_revenue                       30 non-null     Float64
11  company_market_cap                   30 non-null     Float64
12  company_enterprise_value             30 non-null     Float64
13  company_total_assets                 30 non-null     Float64
14  company_cash_equivalents             30 non-null     Float64
15  target_probability                   30 non-null     Float64

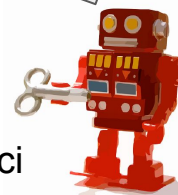
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memory usage: 4.9 KB
```



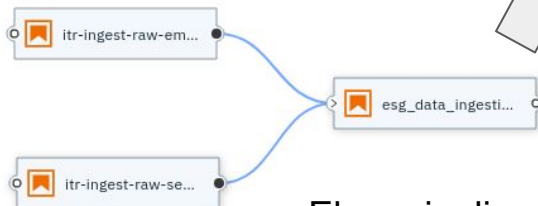
# Elyra



# GitHub



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## Elyra pipelines

# Jupyter and Elyra



Elyra



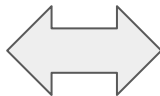
# Jupyter and Elyra



Elyra

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Jupyter for  
Iteration &  
Development

# Jupyter and Elyra

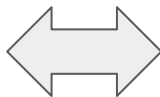


Elyra

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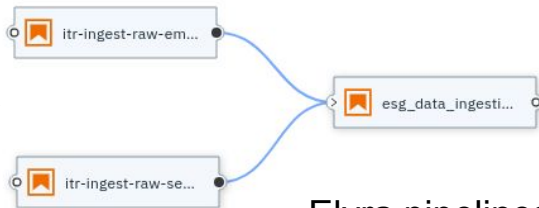
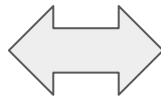
Jupyter for  
Iteration &  
Development



jupyter

jupyter

jupyter

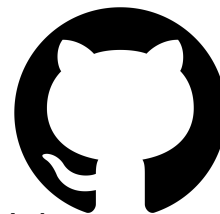
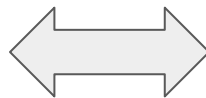


Elyra pipelines

# Jupyter and Elyra



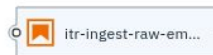
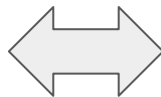
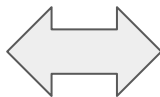
Elyra



GitHub

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itr-ingest-raw-em...



itr-ingest-raw-se...



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Elyra pipelines

Jupyter for  
Iteration &  
Development

# Jupyter and Elyra

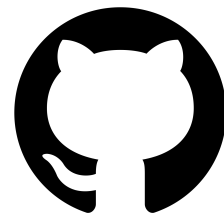
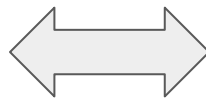
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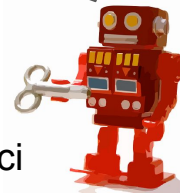
Jupyter for  
Iteration &  
Development



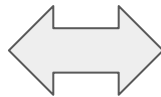
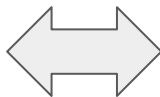
Elyra



GitHub



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itr-ingest-raw-em...



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Elyra pipelines

# Jupyter and Elyra

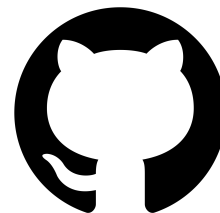
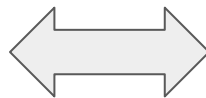
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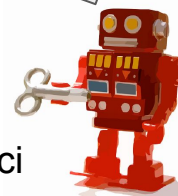
Jupyter for  
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Elyra



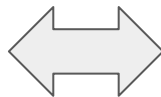
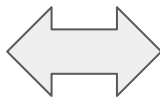
GitHub



aicoe-ci



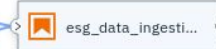
quay.io



itr-ingest-raw-em...



itr-ingest-raw-se...



esg\_data\_ingesti...

Elyra pipelines

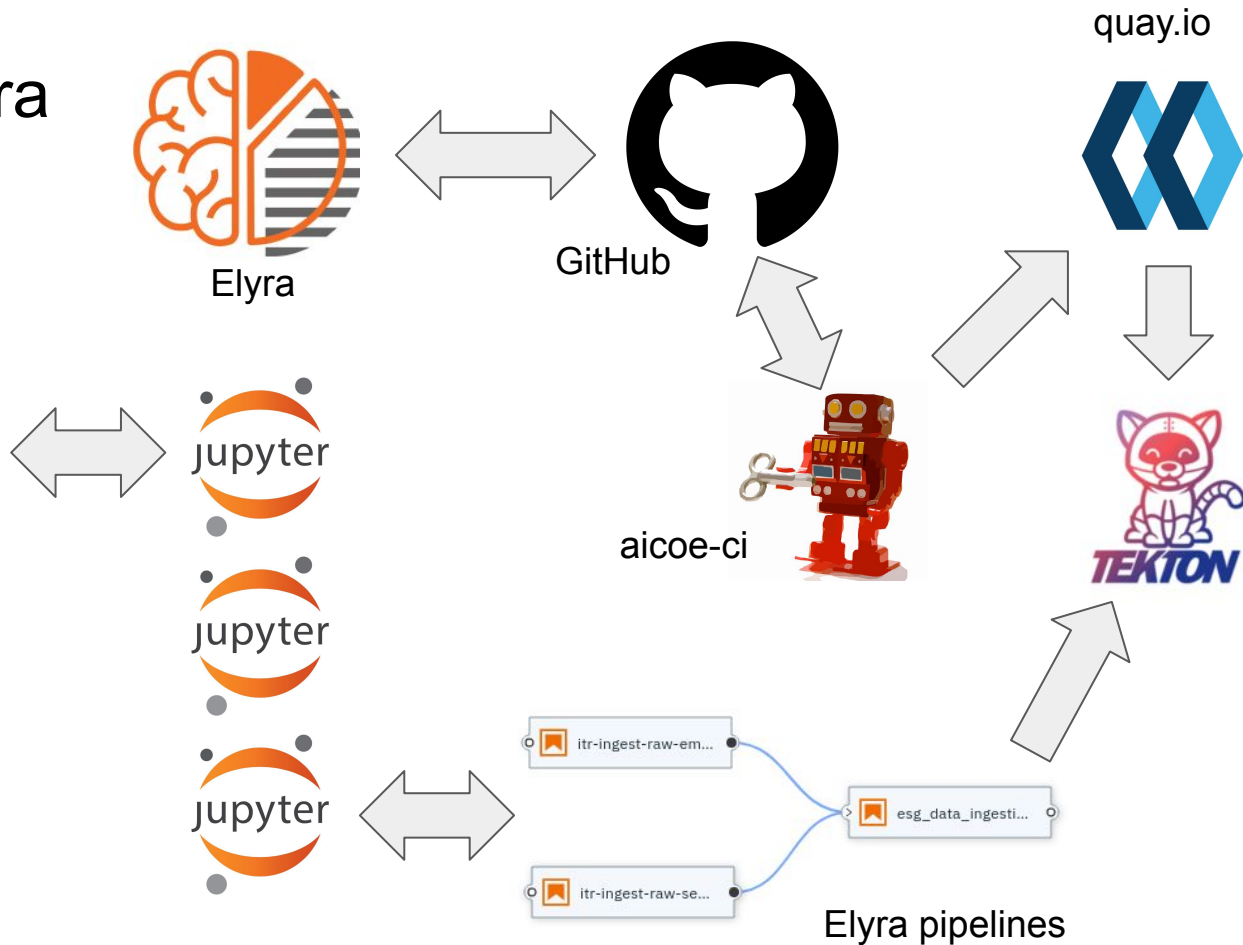


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Jupyter for  
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# Data Ingest Model

