**Final task**

**Task 5**

1. Log into dlab using **EPAM SSO** <https://ssn.trainings.dlabanalytics.com/>
2. Click button “Create NEW” to create own env

A screenshot of a computer

Description automatically generated with medium confidence

1. Run env when it needs. Stop after working with it

A screenshot of a computer screen

Description automatically generated with medium confidence

1. bucket where all source data is stored:

NOT i**skldl02-projectby-local-bucket**

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Description automatically generated

1. I used gsutil commands to copy data for the task .

<https://cloud.google.com/storage/docs/gsutil/commands/ls>

* ‘raw’ –contains target data

A screenshot of a computer program

Description automatically generated with medium confidence

* ‘source’ containing 3 source files required for processing data

A screenshot of a computer program

Description automatically generated with medium confidence

6 new notebook was created in my environment

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Description automatically generated with medium confidence

7 Create functions for check:

* Airports: Completeness by sum (for numeric columns)
* Flights: Validity by Time Range for ArrTime and ArrDepTime
* Carrier: Uniqueness by PK
* Flights: Consistency check for CancellationCode

A screenshot of a computer

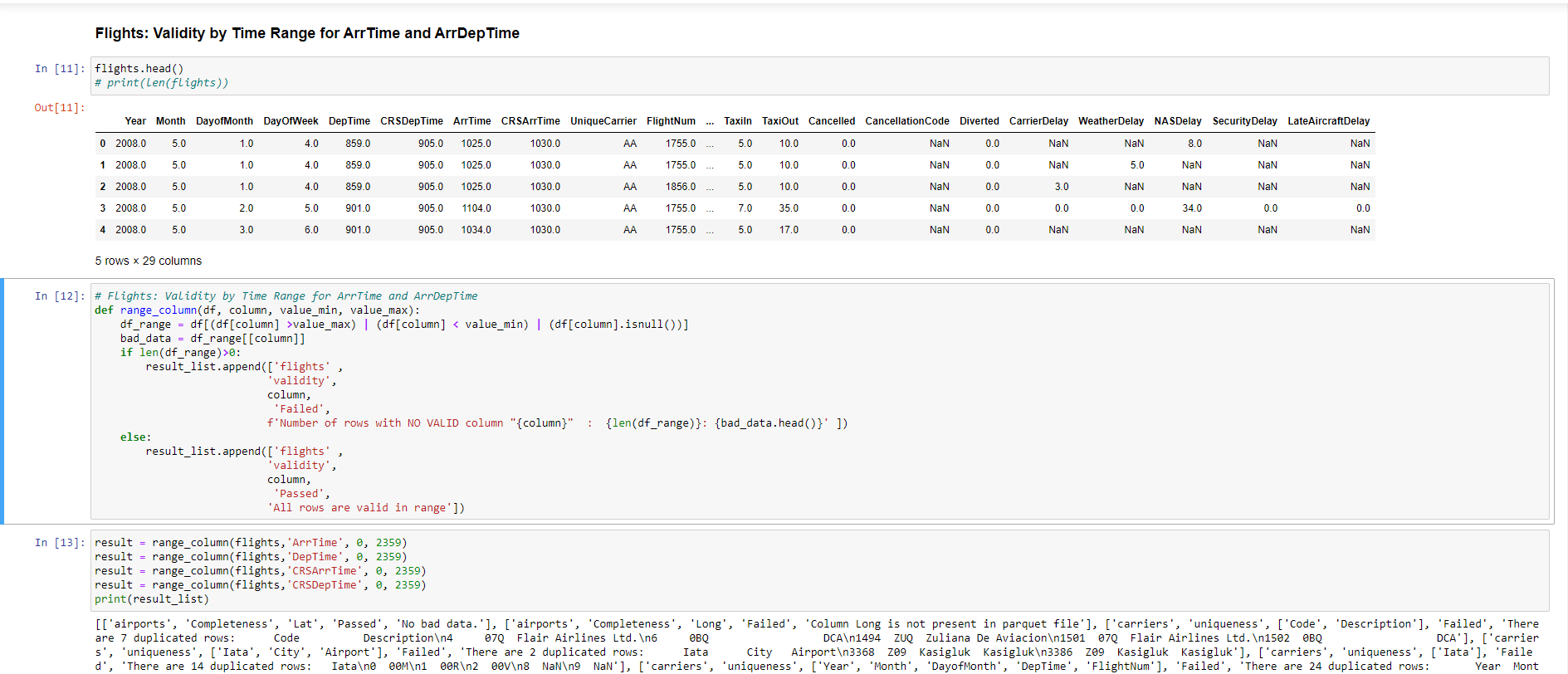
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Description automatically generated with medium confidence

8. Create HTML REPORT

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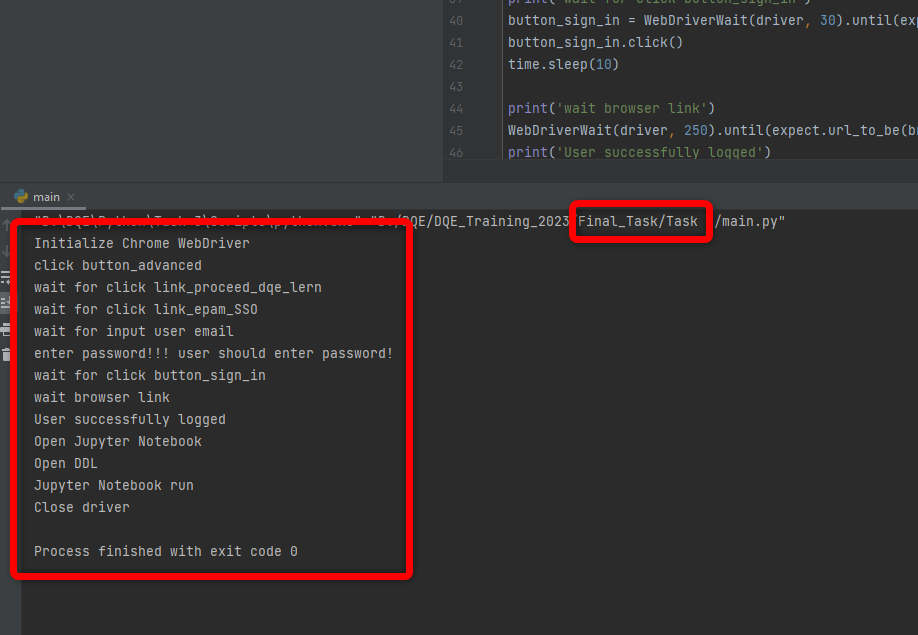
8. Create csv file REPORT

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**Task 6**

9. Create python script for running Jupyter Notebook automatically using Selenium



**Links :**

GIT

<https://github.com/LapitskayaN/DQE-Mentoring-Program-/tree/main/Final_task>

Link to notebook:

https://dqelearn.trainings.dlabanalytics.com/nllapitskaya/notebooks/Final\_task.ipynb