**API Testing - Python: API\_Testing.Py**

1. I have automated 10 test cases, covering both positive and negative scenarios, using Python.
2. These test cases were developed and executed within the PyCharm editor.

**ETL Processing – Python: ETL Process.Py**

1. ETL processing are done in Python using PyCharm editor.
2. Database used is MySQL.
3. Used Panda library for this ETL processing.

**Data processing testing – Java:**

1. Test scripts are built in Java with IntelliJ editor.
2. Attached the entire package with pom.xml.
3. Two input files are used and one output file is there in the path
4. Output file arrived based on the Primary key constraint. Only record with matching ID in the InstrucmentDetails file and Position Details file are moved to PositionResutls.csv. Script will validate for the matching ID and see if the TotalPrice is calculated based on the unitprice and quantity.
5. For the execution used 3 rows of records, Total price in first record of PositionResutls.csv is deliberately made wrong so as to check if the script is failing the script.
6. Suite is wrapped with Cucumber framework.

**PIPS to include for Panda**

pip install sqlalchemy

pip install mysql-connector-python

pip install pandas