**Setting up Content-Pipeline Project on Local System**

1. **Download and install Python 3.6** from the following link

Link: https://www.python.org/downloads/

1. **To check if python has been installed** and added in your environment path, after python installation, go to command prompt as an Admin and type the following command
   1. >python –version
2. **Install Oracle client** from the following link to connect it using remote database

Link: <http://www.oracle.com/technetwork/topics/winsoft-085727.html>

Note: Please download “[instantclient-basic-nt-11.2.0.4.0.zip](http://www.oracle.com/technetwork/topics/winsoft-085727.html) ” as we are using Oracle 11.2

* 1. Unzip the downloaded client and set the unzipped folder path to environment PATH variable

1. **Then install couple of other following packages** using following command [For BDD, PostgreSQL & Oracle connection]
   1. >pip install behave
   2. >pip install psycopg2
   3. >pip install cx\_Oracle
2. **Install an IDE PyCharm** [Community Edition] using following link

Link: https://www.jetbrains.com/pycharm/download/#section=windows

1. **Download the project** using following git hub link with following command
   1. > git clone <url>
2. **Open it in Pycharm**
3. **Configure PyCharm** with Interpreter settings
   1. Select the project
   2. Go to File > Default Settings > Project Interpreter
   3. Select the Project Interpreter from dropdown on right hand side
   4. e.g c:\Program Files(x86)\Python36-32\Python.exe
4. **Configure PyCharm with Gherkin** Plugin
   1. Go to File > Settings > Plugins
   2. Click On middle bottom button “Browse repositories..”
   3. Search for Gherkin > Select v145/v16..
   4. Press install button on right and restart IDE
5. **Setting up the ContentPipeline project**
   1. Open command line and go to ContentPipeline folder
   2. Run the following command
      1. >python setup.py install
      2. >python setup.py develop
6. **Setting up Connections to STABLE-STAGING, CCDEV,CCPROD using PuTTY**
   1. For ***STABLE-STAGING***
      1. Bastion HostName: bastion.us-west-2.tools.dev.cortellis.int.clarivate.com at Port:22
      2. Add destination and port in Connection ->SSH -> Tunnels

Destination: dstdb.us-west-2.stable.dev.cortellis.int.clarivate.com:1521

Source Port: 1521

Detination: cfdb.us-west-2.stable.dev.cortellis.int.clarivate.com:1521

Source Port: 1522

* 1. For ***CCDEV***
     1. Bastion HostName: bastion.dev.cc.oneplatform.build:22 at Port:22
     2. Add destination and port in Connection ->SSH -> Tunnels

Destination: staging-dev-gp.dev.cc.oneplatform.build:5432

Source Port: 5432

* 1. For ***CCPROD***
     1. Bastion HostName: bastion.prod.cc.oneplatform.build:22 at Port:22
     2. Add destination and port in Connection ->SSH -> Tunnels

Destination: staging-prod-gp.prod.cc.oneplatform.build:5432

Source Port: 5433

1. **To Run any feature/Scenario**
   1. Then go to “features” directory

[e.g. C:\ContentPipeline\BDDTests\features]

* 1. Type >behave .\Chem\ ChemOracleIngestExposureTableRowCountTests.feature

OR

* 1. Type > behave --tags=rowCount

1. **Output** for row counts [i.e htm file] will be found in “outputFiles/Chem” folder.