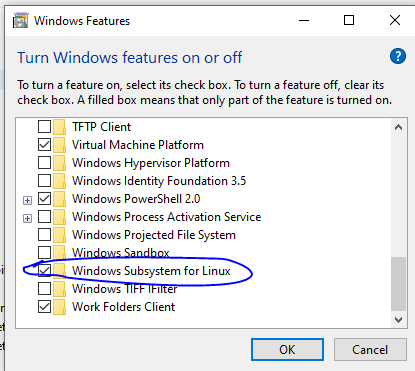
Install airflow in windows using linux subsystem

1. Go to control panel > programs and features > turn windows features on or off >
2. 
3. Go to Microsoft Store
4. Seacrh ubuntu and install it
5. Open ubuntu app and run below commands

1 ls

2 python -version

3 python3 -version

4 python3 --version

~~5 sudo apt get install software-properties-common~~

6 sudo apt-get install software-properties-common

~~7 sudo apt-add-repository-universe~~

8 sudo apt-add-repository universe

9 sudo apt-get update

~~10 sudo apt-get install python-pip~~

~~11 export $LUGIFY\_USES\_TEXT\_UNIDECODE=yes~~

~~12 pip install apache-airflow~~

13 sudo apt-get install python-setuptools

~~14 sudo apt install python-pip~~

~~15 sudo -H pip install --upgrade pip~~

~~16 sudo apt-get install pip~~

17 sudo apt install python3-pip

~~18 pip install apache-airflow~~

~~19 sudo -H pip install --upgrade pip~~

~~20 pip -V~~

~~21 pip3 -V~~

~~22 sudo -H pip3 install --upgrade pip3~~

~~23 sudo -H pip install --upgrade pip3~~

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25 pip -V

26 sudo apt-get install libmysqlclient-dev

27 sudo apt-get install libssl-dev

28 sudo apt-get install libkrb5-dev

29 sudo apt-get install libsasl2-dev

30 sudo apt-get install postgresql postgresql-contrib

~~31 sudo service postgresql start~~

~~32 pg\_lsclusters~~

~~33 sudo pg\_ctlcluster 12 main start~~

~~34 sudo -u postgres psql~~

~~35 pip -V~~

~~36 pip install apache-airflow~~

~~37 ls~~

~~38 airflow list\_dags~~

~~39 airflow initdb~~

~~40 pip install apache-airflow~~

~~41 airflow initdb~~

~~42 ls~~

~~43 cd ..~~

~~44 ls~~

~~45 cd sony/~~

~~46 ls~~

~~47 python3 -m venv air~~

~~48 sudo python3 -m venv air~~

~~49 sudo apt get install python3-venv~~

50 sudo apt-get install python3-venv

51 sudo python3 -m venv air

~~52 LS~~

~~53 ls~~

54 source air/bin/activate

~~55 ls~~

~~56 airflow~~

~~57 airflow list\_dags~~

58 airflow -version

~~59 ls~~

~~60 cd airflow~~

~~61 ls~~

62 vi airflow.cfg

63 airflow initdb

~~64 sudo apt-get install python-mysqldb~~

65 sudo apt-get install python3-mysqldb

~~66 airflow initdb~~

~~67 ls~~

68 mkdir dags

~~69 ls~~

70 airflow initdb

71 pip3 install cattrs==1.0.0

~~72 airflow initdb~~

~~73 deactivate~~

~~74 pip3 install cattrs==1.0.0~~

~~75 ls~~

~~76 c ..~~

~~77 cd ..~~

~~78 ls~~

79 source air/bin/activate

~~80 airflow intidb~~

81 airflow initdb

~~82 ls~~

~~83 cd air~~

~~84 cd airflow~~

~~85 cd ..~~

~~86 cd airflow~~

~~87 ls~~

88 vi airflow.cfg

89 airflow initdb

~~90 ls~~

~~91 airflow list\_dags~~

~~92 airflow webserver -p 8081~~

~~93 ls~~

~~94 vi airflow.cfg~~

~~95 airflow list\_dags~~

~~96 pwd~~

~~97 cd ..~~

~~98 ls~~

~~99 pwd~~

~~100 cd ..~~

~~101 mkdir core~~

~~102 sudo core~~

~~103 sudo mkdir core~~

~~104 ls~~

~~105 airflow list\_dags~~

~~106 cd /home/sony/airflow~~

~~107 ls~~

~~108 chmod -R 777 dags~~

~~109 airflow list\_dags~~

~~110 cd /home/sony/~~

~~111 ls~~

~~112 cd ..~~

~~113 ls~~

~~114 chmod -R 77 core~~

~~115 sudo chmod -R 77 core~~

~~116 airflow list\_dags~~

~~117 cd /home/sony/airflow/~~

~~118 ls~~

~~119 cd dags~~

~~120 ls~~

~~121 cd dags~~

~~122 airflow list\_dags~~

~~123 cd /home/sony/airflow/~~

~~124 ls~~

125 chmod -R 777 dags

~~126 airflow list\_dags~~

~~127 airflow test Expenses\_Raw loa\_transaction 2020-01-01~~

~~128 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

129 which python

~~130 cd dags~~

~~131 ls~~

~~132 vi config/config.json~~

~~133 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~134 cd /home/sony/air/bin/~~

~~135 ls~~

~~136 vi config/config.json~~

~~137 cd ..~~

~~138 ls~~

~~139 cd airflow/~~

~~140 ls~~

~~141 cd dags~~

~~142 vi config/config.json~~

143 airflow test Expenses\_Raw load\_transaction 2020-01-01

~~144 pip install pandas~~

~~145 sudo pip install pandas~~

~~146 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~147 sudo pip install pandas~~

~~148 airflow test Expenses\_Raw send\_mail 2020-01-01~~

~~149 airflow test Expenses\_Raw email\_status 2020-01-01~~

~~150 ls~~

~~151 pwd~~

~~152 ls~~

~~153 cd ..~~

~~154 ls~~

~~155 pwd~~

~~156 vi airflow.cfg~~

~~157 airflow webserver -p 8081~~

~~158 airflow test Expenses\_Raw email\_status 2020-01-01~~

~~159 airflow reset\_db~~

160 airflow resetdb

161 airflow initdb

~~162 airflow webserver -p 8081~~

~~163 airflow test Expenses\_Raw email\_status 2020-01-01~~

~~164 vi airflow.cfg~~

~~165 airflow test Expenses\_Raw email\_status 2020-01-01~~

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~~167 airflow test Expenses\_Raw email\_status 2020-01-01~~

~~168 vi airflow.cfg~~

~~169 airflow test Expenses\_Raw email\_status 2020-01-01~~

~~170 vi airflow.cfg~~

~~171 airflow intidb~~

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~~173 airflow test Expenses\_Raw email\_status 2020-01-01~~

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~~177 airflow test Expenses\_Raw load\_transaction2020-01-01~~

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179 pip install wheel

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182 pip install flask\_sqlalchemy

~~183 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

184 sudo apt-get install python-mysqldb

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~~186 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~187 airflow test Expenses\_Raw control\_total\_validate 2020-01-01~~

188 pip install mysqlclient

~~189 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

190 pip install openpyxl

191 sudo pip install openpyxl

~~192 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~193 pip install xlrd~~

~~194 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~195 ls~~

~~196 cd ..~~

~~197 ls~~

~~198 cd ..~~

~~199 ls~~

~~200 cd core/~~

~~201 ls~~

~~202 cd expenses\_classification/~~

~~203 ls~~

~~204 vi config/config.json~~

~~205 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~206 pip3 install cattrs==1.0.0~~

~~207 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~208 vi config/config.json~~

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~~211 airflow test Expenses\_Raw load\_transaction 2020-01-01~~

~~212 airflow test Expenses\_Raw control\_total\_validate 2020-01-01~~

~~213 cd ..~~

~~214 ls~~

~~215 cd sony/airflow/dags~~

~~216 ls~~

~~217 vi config/config.json~~

~~218 ls~~

~~219 cd sql\_files/~~

~~220 ls~~

~~221 vi expenses\_monthly\_report.sql~~

~~222 cd ..~~

~~223 ls~~

~~224 rm -rf utilitities/~~

~~225 ls~~

226 airflow connections --add --conn\_id 'mysql\_server' --conn\_uri 'mysql://root:root@127.0.0.1'

~~227 airflow create\_user -f sony -l sony -u sony -p sony -r admin sony.sth8@gmail.com~~

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~~229 airflow intidb~~

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~~231 airflow create\_user -f sony -l sony -u sony -p sony -r admin -e sony.sth8@gmail.com~~

~~232 cd ..~~

~~233 vi airflow.cfg~~

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235 airflow create\_user -f sony -l sony -u sony -p sony -r admin -e sony.sth8@gmail.com

~~236 airflow webserver -p 8081~~

~~237 screen -S "airflow\_scheduler"~~

~~238 sudo screen -S "airflow\_scheduler"~~

~~239 airflow scheduler~~

~~240 screen -ls~~

~~241 cd /run/screen/~~

~~242 ls~~

~~243 cd ..~~

~~244 sudo chmod -r 777 screen/~~

~~245 sudo chmod -R 777 screen/~~

~~246 screen -ls~~

~~247 cd ..~~

~~248 screen -S "airflow\_scheduler"~~

~~249 screen -S "airflow\_web"~~

~~250 cd /home/sony/airflow/dags~~

~~251 ls~~

~~252 vi config/config.json~~

~~253 vi sql\_files/~~

~~254 cd sql\_files/~~

~~255 ls~~

~~256 vi expenses\_monthly\_report.sql~~

~~257 history~~

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41 airflow initdb

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43 cd ..

44 ls

45 cd sony/

46 ls

47 python3 -m venv air

48 sudo python3 -m venv air

49 sudo apt get install python3-venv

50 sudo apt-get install python3-venv

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52 LS

53 ls

54 source air/bin/activate

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56 airflow

57 airflow list\_dags

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77 cd ..

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89 airflow initdb

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92 airflow webserver -p 8081

93 ls

94 vi airflow.cfg

95 airflow list\_dags

96 pwd

97 cd ..

98 ls

99 pwd

100 cd ..

101 mkdir core

102 sudo core

103 sudo mkdir core

104 ls

105 airflow list\_dags

106 cd /home/sony/airflow

107 ls

108 chmod -R 777 dags

109 airflow list\_dags

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247 cd ..

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249 screen -S "airflow\_web"

250 cd /home/sony/airflow/dags

251 ls

252 vi config/config.json

253 vi sql\_files/

254 cd sql\_files/

255 ls

256 vi expenses\_monthly\_report.sql

257 history