Instruction to get the Tableau visualization

1. Download the GitHub repo, Tableau Desktop, R
2. Create environments : jupyter-notebook-env and jupytab-server-env

format: conda create --name <env> --file <this file>

conda create --name jupyter-notebook-env --file requirements.txt

conda create --name jupytab-server-env --file jupytab-server\_requirements.txt

or follow command below to create evvironment

for jupyter-notebook-env:

conda create --name jupytab-notebook-env

conda activate jupytab-notebook-env

conda install ipykernel

conda install numpy

conda install pandas

conda install requests

conda install -c conda-forge jupytab

python -m ipykernel install --user --name jupytab-notebook # install the kernel to jupyter

for jupyter-server-env:

conda create --name jupytab-server-env

conda create --name jupytab-server-env python=3.8

conda install -c conda-forge jupytab-server

change the kernel the jupyter-notebook running on to jupytab-notebook

1. Run command to open server:

conda activate jupytab-server-env

jupytab –config=/path/to/config.ini

1. Open the Tableau worksheet and edit the data resource to the server shown in the previous step

In tableau: Data -> New Data source -> Web data connector

And enter the server address and replace the data source in the tableau worksheet

1. Manage external analytics extension connect R to Tableau
   1. Open Rserve
      1. Install.packages(“Rserve”)
      2. Library(Rserve)
      3. Rserve(args = "--no-save")
   2. Tableau: Help -> Settings and Performance -> Manage Analytics Extension Connection

Graphical user interface, application

Description automatically generatedGraphical user interface, application

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