TV dashboard App

git repository:
cd /c/GIT_AUTOMATION/
git clone ssh://git@bitbucket1:7999/automation/tv-dashboard.git --branch=main

virtual environment (one time):

- **create virtual environment (on bash):**
  cd /c/GIT_AUTOMATION/kpi/tv-dashboard
  C:\Python311\python.exe -m venv virtual_environment
    - please use python 3.11 (pyinstaller requirement)
- **Activate virtual environment (on bash):**
  source virtual_environment /Scripts/activate
- add the virtual environment name to gitignore file so you don't push to BitBucket mistakenly
- **install app dependencies:**
  pip install -r requirements.txt

App:

- **app args**
  1. **-e**
     a. environment : dev (default) , prod
  2. **-s**
     a. tell the app which kpi server to use for requesting kpi pages: localhost (default) , testshell-03/04
- **Running modes**
  - **development mode:**
    command : python main.py
    - environment is dev
    - kpi server is localhost (on your own laptop)

    python main.py -e dev -s testshell-03

- environment is dev
- kpi server is testshell-03

- **production mode:**
  command : python main.py -e prod
  - In production mode, Kpi server can be **testshell-03/04** only (depend on the server the app run on)

Build App version - add the version to the app name:
pyinstaller --clean --onefile --add-data ".env.prod;." --add-data "rad_web_screen;rad_web_screen" --name tv_dashboard app.py

Run the executable file that have been created in the dist folder:
You can run the exe file:

- On file explorer : open the file
- On Shell just run the name of the file : tv_dashboard.exe

Deployment:

- Copy exe file from **C:\GIT_AUTOMATION\ tv-dashboard\dist**
- go to remote servers (testshell-03/04)
  - go to directory
    C:\Users\Public\Documents\automation_apps\tv
  - move the last exe file there to the old directory
  - paste the new exe file
  - open task scheduler
    - restart task: TV DASHBOARD APP
    - this task run the script **run_latest_exe.py**

App environment notes:

- **production servers : testshell-03/04**
- **port: 6065**