

implemented a DRL training algorithm that minimizes long-term costs while ensuring QoS through RP / TS.

DQN.py: the deep Q network is built with pyTorch package and run with dummy environment and captured the results to results_dqn.txt

results_dqn.txt: results of the DQN.py execution

requirements.txt: package needed for the virtual environment

To run DQN.py:

```
$ sudo pip install virtualenv
```

```
$ virtualenv -p python3 .env # create a virtual environment
```

```
$ source .env/bin/activate # activate the virtual environment $ pip install -r requirements.txt
```

```
$python DQN.py
```

Requirements.txt is added in the git