

Lab1 - NDAWN

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In [1]: # importing required modules

from urllib.parse import urlencode
from urllib.parse import urlparse, parse_qs
import requests
import json
import pandas as pd
import csv
```

```
In [2]: #Set up searching inquiry HTTP URL

endpoint = "https://ndawn.ndsu.nodak.edu/table.csv"
params = {"station": "121",
          "variable": "ddavt",
          "dfn": "",
          "year": "2021",
          "ttype": "daily",
          "quick_pick": "",
          "begin_date": "2021-09-01",
          "end_date": "2021-09-24"
        }
url_params = urlencode(params)
```

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In [3]: #Encode the URL
url = f"{endpoint}?{url_params}"

#Apply GET request to the URL
r = requests.get(url, auth = ('user', 'pass'), verify = False)
```

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/opt/conda/lib/python3.8/site-packages/urllib3/connectionpool.py:1013: InsecureRequestWarning: Unverified HTTPS request is being made to host 'ndawn.ndsu.nodak.edu'. Adding certificate verification is strongly advised. See: https://urllib3.readthedocs.io/en/latest/advanced-usage.html#ssl-warnings
  warnings.warn(
```

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In [4]: #Open and write the data to csv file
open('ndawndata1.csv', 'wb').write(r.content)
```

Out[4]: 1855

In []: