MA676mini_project

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1 MA 676 Python mini project

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[1]: import requests
    import pandas as pd
    import re
    url1='https://learn-us-east-1-prod-fleet02-xythos.content.blackboardcdn.com/
    →5deff46c33361/21956946?
    →X-Blackboard-Expiration=1645822800000&X-Blackboard-Signature=1XhrQK7kKyIgEI113fwqJvTn7MoS0v
    →txt&response-content-type=text%2Fplain&X-Amz-Security-Token=IQoJb3JpZ2luX2VjEE$aCXVzLWVhc3Q
    response = requests.get(url1)
    data = response.text
    url2 = https://learn-us-east-1-prod-fleet02-xythos.content.blackboardcdn.com/
     →5deff46c33361/21956945?
    →X-Blackboard-Expiration=1645822800000&X-Blackboard-Signature=zA%2BDbwgvVbHh70R‡K45F9cBH9f0W
     →txt&response-content-type=text%2Fplain&X-Amz-Security-Token=IQoJb3JpZ2luX2VjEE$aCXVzLWVhc3Q
    response2 = requests.get(url2)
    data2 = response2.text
[2]: data = data.splitlines()
    data2 = data2.splitlines()
[3]: def friend_area(x):
        df = pd.DataFrame(columns = ['Name', 'Phone', 'Area_code'])
        df_ref = pd.DataFrame(columns = ['Area', 'Area_code'])
        rn = len(x)/2
        rn2 = len(data2)/2
        for i in range(1,int(rn2)):
            area=data2[2*i-1]
            area_code = data2[2*i-2]
            df_ref = df_ref.append({'Area' : area, 'Area_code' :u
     →area_code},ignore_index = True)
        for i in range(1,int(rn)):
```

```
        Name
        Phone
        Area

        0 Ana
        801-456-789
        Utah

        1 Ben
        609 4567890
        New Jersey

        2 Cory
        (206)-345-2619
        Washington
```