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Untitled12.ipynb - Colaboratory
colab.research.google.com/drive/1bRaZHHUwJfLsgz2NuVNI0id-Q7URn_#scrollTo=fqyFa33v4DT

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+ Code + Text

Files
- .config
- sample_data
- testmarks1.csv
- testmarks2.csv

import numpy as np
a1=np.loadtxt("/content/testmarks1.csv",delimiter=',',dtype=str,skiprows=1)
print(a1)
sal=[]
exp=[]
for i in a1:
    sal.append(float(i[2]))
    exp.append(float(i[3]))
print(sal)
print(exp)
# list to array
s1=np.array(sal)
e1=np.array(exp)

[[['001' '43.45' '27.79' '28.7' '27.79']
 ['002' '43.47' '28.52' '28.98' '27.89']
 ['003' '42.24' '28.16' '28.16' '25.63']
 ['004' '39.24' '26.16' '26.16' '26.16']
 ['005' '48.0' '26.03' '27.27' '25.65']
 ['006' '39.47' '26.31' '26.31' '25.21']
 ['007' '41.68' '25.63' '27.79' '25.46']
 ['008' '42.19' '27.61' '28.13' '26.21']
 ['009' '44.75' '28.35' '29.83' '28.21']
 ['010' '46.95' '28.88' '31.3' '28.93']]
[27.79, 28.52, 28.16, 26.16, 26.03, 26.31, 25.63, 27.61, 28.35, 28.88]
[28.7, 28.98, 28.16, 26.16, 27.27, 26.31, 27.79, 28.13, 29.83, 31.3]

#second csv file
a2=np.loadtxt("/content/testmarks2.csv",delimiter=',',dtype=str,skiprows=1)
print(a2)
sal1=[]
exp1=[]
for j in a2:
    sal1.append(float(j[2]))
    exp1.append(float(j[3]))
print(sal1)
print(exp1)
# list to array
s2=np.array(sal1)
e2=np.array(exp1)
```

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Untitled12.ipynb - Colaboratory
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Files
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result1=np.add(s1, s2)
print(result1)
result2=np.subtract(e1,e2)
print(result2)
result3=np.dot(s1,e1)
print(result3)
result4=np.mod(s1,s2)
print(result4)
result5=np.mean(s1)
print(result5)
result6=np.median(s2)
print(result6)
result7=np.hstack(e1)
print(result7)
result8=np.vstack(result1)
print(result8)
result9=np.transpose(s1)
print(result9)
result10=np.maximum(e1,e2)
print(result10)

[[61.97 62.24 59.55 57.35 57.35 56.85 57.02 60.54 62.7 65.3 ]
 [-1.86 -1.7 -0.84 -2.62 -0.95 -1.42 -0.22 -0.7 -1.2 -0.88]
 742.4840999999999
[27.79 28.52 28.16 26.16 26.03 26.31 25.63 27.61 28.35 28.88]
27.344
32.16
[28.7 28.98 28.16 26.16 27.27 26.31 27.79 28.13 29.83 31.3 ]
[[61.97]
 [62.24]
 [59.55]
 [57.35]
 [57.35]
 [56.85]
 [57.02]
 [60.54]
 [62.7 ]
 [65.3 ]]
[27.79 28.52 28.16 26.16 26.03 26.31 25.63 27.61 28.35 28.88]
[30.56 30.68 28.2 28.78 28.22 27.72 26.61 28.83 31.03 31.38]
```

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Untitled2.ipynb
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Files
[+]
  config
  sample_data
  testmark1.csv
  testmark2.csv

Code
Test

[5]
[[{"008": "42.10", "22.01", "28.13", "28.21"},
 {"009": "44.75", "28.35", "29.83", "28.21"},
 {"010": "46.95", "28.08", "31.1", "28.53"}]]
[[22.79, 28.52, 28.16, 28.16, 28.09, 28.31, 25.63, 27.61, 28.35, 28.88],
 [28.7, 28.98, 28.16, 28.16, 27.27, 28.31, 27.79, 28.13, 29.83, 31.3]]

#second csv file
a2=np.loadtxt('content/testmark2.csv',delimiter=',',dtype=str,skiprows=1)
print(a2)
sall=[]
expl=[]
for j in a2:
    sall.append(float(j[2]))
    expl.append(float(j[3]))
print(sall)
print(expl)
# list to array
s2=np.array(sall)
e2=np.array(expl)

[[{"008": "28.08", "34.18", "30.56", "22.23"},
 {"009": "28.1", "33.72", "30.08", "22.02"},
 {"010": "26.16", "31.39", "28.2", "22.53"},
 {"011": "26.16", "31.09", "28.78", "20.03"},
 {"012": "26.1", "31.32", "28.22", "20.02"},
 {"013": "25.45", "30.54", "27.73", "21.05"},
 {"014": "26.16", "31.39", "28.03", "20.11"},
 {"015": "22.44", "32.63", "28.83", "22.08"},
 {"016": "28.03", "34.95", "31.03", "22.08"},
 {"017": "30.35", "36.42", "31.38", "23.1"}]]
[[34.18, 33.72, 31.39, 31.39, 31.32, 30.54, 31.39, 32.03, 34.35, 36.42],
 [30.56, 30.08, 28.72, 28.78, 28.22, 27.73, 28.03, 28.03, 31.03, 31.38]]

[ ] result1=np.add(s1, e2)
print(result1)
result2=np.subtract(e1,e2)
print(result2)
result3=np.dot(s1,e1)
print(result3)
result4=np.mod(s1,s2)
print(result4)

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