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Example Results

Contest: **Marathon Match**
Problem: **ChildStuntedness**
Coder: **RigelFive**

0) Score: 0.0 Run Time: 100649 ms

Example Case:

Seed: 1

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3707
-----
Training Data Statistics:
age-----> min: 0.16041 mean: 0.580157 max: 0.989761
sex-----> min: 0 mean: 0.481521 max: 1
nutrition-> min: 1 mean: 1.81225 max: 2
ODV5-----> min: 0.0164474 mean: 0.0880431 max: 0.149671
ODV6-----> min: 0.223272 mean: 0.59583 max: 0.927974
ODV7-----> min: 0.182068 mean: 0.541051 max: 1
ODV8-----> min: 0.236424 mean: 0.642541 max: 0.987775
ODV9-----> min: 0.167495 mean: 0.532409 max: 0.993056
ODV10-----> min: 0.182526 mean: 0.5352 max: 1
ODV11-----> min: 0.139627 mean: 0.585275 max: 0.993013
ODV12-----> min: 0.0112489 mean: 0.0309531 max: 1
weight-----> min: 0.291667 mean: 0.640869 max: 1
duration--> min: 0.358255 mean: 0.430298 max: 0.471963
-----
Neural Net Recent Average Error: 0.0636798
Total Training Passes: 242
-----
Testing Parameter Statistics:
Weight: min1: 0.788456 mean1: 0.806004 max1: 0.816824
Duration: min2: 0.443594 mean2: 0.44449 max2: 0.444696
Total Number of Results: 1944
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

1) Score: 0.0 Run Time: 100679 ms

Example Case:

Seed: 2

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3724
-----
Training Data Statistics:
age-----> min: 0.16041 mean: 0.581746 max: 0.989761
sex-----> min: 0 mean: 0.505639 max: 1
nutrition-> min: 1 mean: 1.84828 max: 2
ODV5-----> min: 0.0164474 mean: 0.0880812 max: 0.149671
ODV6-----> min: 0.221671 mean: 0.596502 max: 0.927974
ODV7-----> min: 0.173814 mean: 0.542066 max: 1
ODV8-----> min: 0.231751 mean: 0.643113 max: 0.992004
ODV9-----> min: 0.165973 mean: 0.533333 max: 0.993056
ODV10-----> min: 0.17598 mean: 0.536218 max: 1
ODV11-----> min: 0.140687 mean: 0.586602 max: 0.994908
ODV12-----> min: 0.0108516 mean: 0.0309769 max: 1
weight-----> min: 0.28869 mean: 0.644 max: 1
duration--> min: 0.338006 mean: 0.431299 max: 0.471963
-----
Neural Net Recent Average Error: 0.0748007
Total Training Passes: 223
-----
Testing Parameter Statistics:
Weight: min1: 0.662276 mean1: 0.719274 max1: 0.737007
Duration: min2: 0.408766 mean2: 0.421261 max2: 0.436013
Total Number of Results: 1927
Total Time for Testing: 0.05 sec
-----
Answer Size: 660
-----
```

Standard Error:

2) Score: 0.0 Run Time: 100387 ms

Example Case:

Seed: 3

Fatal Errors:**Standard Out:**

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3723
-----
Training Data Statistics:
age-----> min: 0.1843 mean: 0.579204 max: 0.989761
sex-----> min: 0 mean: 0.489659 max: 1
nutrition-> min: 1 mean: 1.84878 max: 2
ODV5-----> min: 0.0226974 mean: 0.087603 max: 0.148026
ODV6-----> min: 0.221671 mean: 0.595349 max: 0.921563
ODV7-----> min: 0.173814 mean: 0.53937 max: 0.969911
ODV8-----> min: 0.231751 mean: 0.641463 max: 0.989225
ODV9-----> min: 0.165973 mean: 0.530872 max: 0.968398
ODV10-----> min: 0.17598 mean: 0.533053 max: 0.989059
ODV11-----> min: 0.139627 mean: 0.584564 max: 0.994908
ODV12-----> min: 0.0108516 mean: 0.0305537 max: 0.0482902
weight-----> min: 0.291667 mean: 0.642645 max: 1
duration--> min: 0.358255 mean: 0.430569 max: 0.468847
-----
Neural Net Recent Average Error: 0.08647
Total Training Passes: 240
-----
Testing Parameter Statistics:
```

```
Weight:      min1: 0.572155    mean1: 0.576151    max1: 0.590419
Duration:    min2: 0.417666    mean2: 0.423129    max2: 0.425602
Total Number of Results: 1928
Total Time for Testing: 0.05 sec
```

Answer Size: 660

Standard Error:

3) Score: 0.0 Run Time: 100238 ms

Example Case:

Seed: 4

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3720
-----
Training Data Statistics:
age----->    min: 0.174061    mean: 0.577357    max: 0.979522
sex----->    min: 0          mean: 0.494892    max: 1
nutrition-->   min: 1          mean: 1.84301     max: 2
ODV5----->   min: 0.0148026    mean: 0.0861412   max: 0.148026
ODV6----->   min: 0.221671     mean: 0.592455    max: 0.921563
ODV7----->   min: 0.173814     mean: 0.537192    max: 0.951779
ODV8----->   min: 0.231751     mean: 0.638583    max: 0.992004
ODV9----->   min: 0.165973     mean: 0.528502    max: 0.977127
ODV10----->  min: 0.17598      mean: 0.530996    max: 0.989059
ODV11----->  min: 0.139627     mean: 0.582022    max: 0.994908
ODV12----->  min: 0.0108516    mean: 0.0304291   max: 0.0485826
weight-----> min: 0.28869      mean: 0.640155    max: 1
duration-->    min: 0.338006    mean: 0.429947    max: 0.471963
-----
Neural Net Recent Average Error: 0.130125
Total Training Passes: 247
-----
Testing Parameter Statistics:
Weight:      min1: 0.789936    mean1: 0.817533    max1: 0.839918
Duration:    min2: 0.451615    mean2: 0.454767    max2: 0.457346
Total Number of Results: 1931
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

4) Score: 0.0 Run Time: 100307 ms

Example Case:

Seed: 5

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3736
```

```
-----
Training Data Statistics:
age-----> min: 0.16041 mean: 0.580729 max: 0.989761
sex-----> min: 0 mean: 0.503212 max: 1
nutrition-> min: 1 mean: 1.8402 max: 2
ODV5-----> min: 0.0148026 mean: 0.0874614 max: 0.148026
ODV6-----> min: 0.221671 mean: 0.595884 max: 0.92071
ODV7-----> min: 0.173814 mean: 0.541725 max: 1
ODV8-----> min: 0.231751 mean: 0.642706 max: 0.989225
ODV9-----> min: 0.165973 mean: 0.53301 max: 0.993056
ODV10-----> min: 0.17598 mean: 0.535612 max: 1
ODV11-----> min: 0.139627 mean: 0.584455 max: 0.994908
ODV12-----> min: 0.0108516 mean: 0.030944 max: 1
weight-----> min: 0.291667 mean: 0.64308 max: 1
duration--> min: 0.358255 mean: 0.430802 max: 0.461059
-----
```

Neural Net Recent Average Error: 0.13873

Total Training Passes: 242

```
-----
Testing Parameter Statistics:
Weight: min1: 0.615188 mean1: 0.666298 max1: 0.692522
Duration: min2: 0.418897 mean2: 0.419604 max2: 0.420438
Total Number of Results: 1915
Total Time for Testing: 0.05 sec
-----
```

Answer Size: 660

Standard Error:

5) Score: 0.0 Run Time: 100633 ms

Example Case:

Seed: 6

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3721
-----
```

```
Training Data Statistics:
age-----> min: 0.180887 mean: 0.580133 max: 0.989761
sex-----> min: 0 mean: 0.516528 max: 1
nutrition-> min: 1 mean: 1.84977 max: 2
ODV5-----> min: 0.0148026 mean: 0.0877425 max: 0.149671
ODV6-----> min: 0.221671 mean: 0.595103 max: 0.927974
ODV7-----> min: 0.173814 mean: 0.54059 max: 0.969911
ODV8-----> min: 0.231751 mean: 0.641874 max: 0.992004
ODV9-----> min: 0.165973 mean: 0.531876 max: 0.968398
ODV10-----> min: 0.17598 mean: 0.534329 max: 0.989059
ODV11-----> min: 0.140687 mean: 0.586469 max: 0.97876
ODV12-----> min: 0.0108516 mean: 0.0309015 max: 1
weight-----> min: 0.291667 mean: 0.640011 max: 0.968254
duration--> min: 0.358255 mean: 0.430564 max: 0.464174
-----
```

Neural Net Recent Average Error: 0.0667429

Total Training Passes: 236

```
-----
Testing Parameter Statistics:
Weight: min1: 0.785246 mean1: 0.79049 max1: 0.797681
Duration: min2: 0.448759 mean2: 0.449423 max2: 0.450298
-----
```

```
total number of results: 1930
Total Time for Testing: 0.04 sec
```

```
-----
Answer Size: 660
-----
```

Standard Error:

6) Score: 0.0 Run Time: 100414 ms

Example Case:

Seed: 7

Fatal Errors:**Standard Out:**

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3743
-----
Training Data Statistics:
age-----> min: 0.16041 mean: 0.580925 max: 0.989761
sex-----> min: 0 mean: 0.505477 max: 1
nutrition-> min: 1 mean: 1.82046 max: 2
ODV5-----> min: 0.0148026 mean: 0.0872112 max: 0.149671
ODV6-----> min: 0.221671 mean: 0.596169 max: 0.927974
ODV7-----> min: 0.173814 mean: 0.542598 max: 1
ODV8-----> min: 0.231751 mean: 0.642797 max: 0.992004
ODV9-----> min: 0.165973 mean: 0.533946 max: 0.993056
ODV10-----> min: 0.17598 mean: 0.536586 max: 1
ODV11-----> min: 0.139627 mean: 0.586069 max: 0.97876
ODV12-----> min: 0.0108516 mean: 0.0306446 max: 0.0485826
weight----> min: 0.28869 mean: 0.646633 max: 1
duration--> min: 0.338006 mean: 0.431339 max: 0.468847
-----
Neural Net Recent Average Error: 0.0799731
Total Training Passes: 227
-----
Testing Parameter Statistics:
Weight: min1: 0.525551 mean1: 0.534791 max1: 0.633417
Duration: min2: 0.41462 mean2: 0.436387 max2: 0.441412
Total Number of Results: 1908
Total Time for Testing: 0.05 sec
-----
Answer Size: 660
-----
```

Standard Error:

7) Score: 0.0 Run Time: 100400 ms

Example Case:

Seed: 8

Fatal Errors:**Standard Out:**

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3727
-----
Training Data Statistics:
```

```
-----
Training Data Statistics:
age-----> min: 0.16041 mean: 0.580061 max: 0.989761
sex-----> min: 0 mean: 0.494231 max: 1
nutrition-> min: 1 mean: 1.84304 max: 2
ODV5-----> min: 0.0148026 mean: 0.0875299 max: 0.149671
ODV6-----> min: 0.221671 mean: 0.595011 max: 0.92071
ODV7-----> min: 0.173814 mean: 0.540795 max: 1
ODV8-----> min: 0.231751 mean: 0.641534 max: 0.989225
ODV9-----> min: 0.165973 mean: 0.532361 max: 0.993056
ODV10-----> min: 0.17598 mean: 0.534349 max: 1
ODV11-----> min: 0.139627 mean: 0.584519 max: 0.993013
ODV12-----> min: 0.0108516 mean: 0.030906 max: 1
weight-----> min: 0.28869 mean: 0.643198 max: 1
duration--> min: 0.338006 mean: 0.430526 max: 0.468847
-----
```

Neural Net Recent Average Error: 0.0865329

Total Training Passes: 244

Testing Parameter Statistics:

Weight: min1: 0.738807 mean1: 0.748621 max1: 0.751827

Duration: min2: 0.443508 mean2: 0.444593 max2: 0.445335

Total Number of Results: 1924

Total Time for Testing: 0.04 sec

Answer Size: 660

Standard Error:

8) Score: 0.0 Run Time: 100382 ms

Example Case:

Seed: 9

Fatal Errors:

Standard Out:

startup = 0

Creating a <11 14 14 2> neural network

Total Number of Data Points: 3742

Training Data Statistics:

age-----> min: 0.174061 mean: 0.581578 max: 0.989761

sex-----> min: 0 mean: 0.501069 max: 1

nutrition-> min: 1 mean: 1.81881 max: 2

ODV5-----> min: 0.0148026 mean: 0.0876287 max: 0.149671

ODV6-----> min: 0.221671 mean: 0.597398 max: 0.927974

ODV7-----> min: 0.173814 mean: 0.541418 max: 1

ODV8-----> min: 0.231751 mean: 0.643388 max: 0.989225

ODV9-----> min: 0.165973 mean: 0.532495 max: 0.993056

ODV10-----> min: 0.17598 mean: 0.535212 max: 1

ODV11-----> min: 0.139627 mean: 0.585916 max: 0.993013

ODV12-----> min: 0.0108516 mean: 0.0306688 max: 0.0482902

weight-----> min: 0.291667 mean: 0.645486 max: 1

duration--> min: 0.361371 mean: 0.431434 max: 0.471963

Neural Net Recent Average Error: 0.0857741

Total Training Passes: 233

Testing Parameter Statistics:

Weight: min1: 0.585607 mean1: 0.611331 max1: 0.65899

Duration: min2: 0.418505 mean2: 0.435319 max2: 0.437622

Total Number of Results: 1909

Total Time for Testing: 0.05 sec

Answer Size: 660

Standard Error:

9) Score: 0.0 Run Time: 100425 ms

Example Case:

Seed: 10

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 14 14 2> neural network
Total Number of Data Points: 3718
-----
Training Data Statistics:
age-----> min: 0.180887 mean: 0.580928 max: 0.989761
sex-----> min: 0 mean: 0.522593 max: 1
nutrition--> min: 1 mean: 1.83109 max: 2
ODV5-----> min: 0.0148026 mean: 0.0882645 max: 0.149671
ODV6-----> min: 0.221671 mean: 0.59609 max: 0.927974
ODV7-----> min: 0.173814 mean: 0.540511 max: 1
ODV8-----> min: 0.231751 mean: 0.642525 max: 0.989225
ODV9-----> min: 0.165973 mean: 0.531056 max: 0.993056
ODV10-----> min: 0.17598 mean: 0.53504 max: 1
ODV11-----> min: 0.139627 mean: 0.585458 max: 0.993013
ODV12-----> min: 0.0108516 mean: 0.0309212 max: 1
weight-----> min: 0.291667 mean: 0.642709 max: 1
duration--> min: 0.361371 mean: 0.431372 max: 0.471963
-----
Neural Net Recent Average Error: 0.059178
Total Training Passes: 247
-----
Testing Parameter Statistics:
Weight: min1: 0.483624 mean1: 0.485969 max1: 0.489299
Duration: min2: 0.452717 mean2: 0.453816 max2: 0.455186
Total Number of Results: 1933
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

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