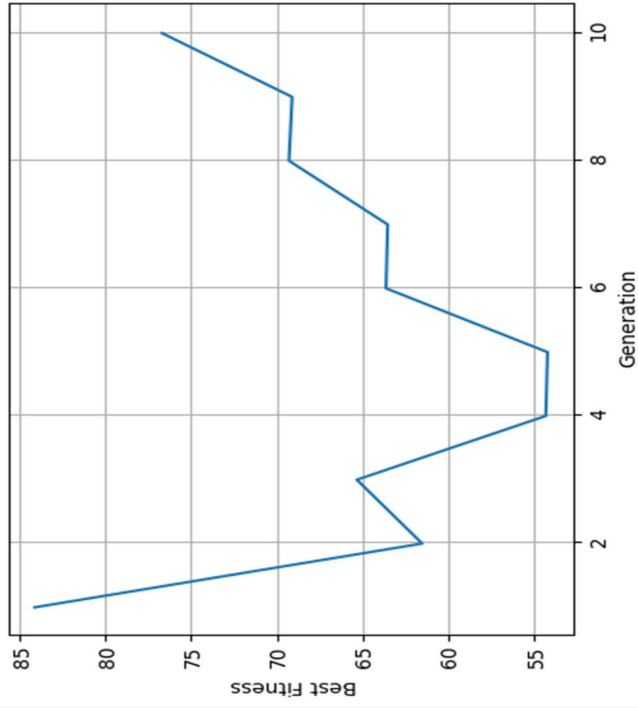


Generation 1: Best Solution = 9.1726048139844, Fitness = 84.13667907352978
 Generation 2: Best Solution = -7.843075908753129, Fitness = 61.51383971046373
 Generation 3: Best Solution = -8.082447128668758, Fitness = 65.32595158772584
 Generation 4: Best Solution = -7.368337508800195, Fitness = 54.292397525698455
 Generation 5: Best Solution = -7.361666801364744, Fitness = 54.194126315649584
 Generation 6: Best Solution = -7.976439532642297, Fitness = 63.62358761789887
 Generation 7: Best Solution = -7.970433788234193, Fitness = 63.52781477262528
 Generation 8: Best Solution = -8.324103794217528, Fitness = 69.29070397690666
 Generation 9: Best Solution = -8.312929711992517, Fitness = 69.10480039652799
 Generation 10: Best Solution = -8.758005638971662, Fitness = 76.70266277225943

Fitness Evolution Over Generations



Best Solution: -8.758005638971662, Fitness: 76.70266277225943

Accuracy: 1.0000

Classification Report:

| | precision | recall | f1-score | support |
|--------------|-----------|--------|----------|---------|
| 0 | 1.00 | 1.00 | 1.00 | 10 |
| 1 | 1.00 | 1.00 | 1.00 | 9 |
| 2 | 1.00 | 1.00 | 1.00 | 11 |
| accuracy | | | | |
| macro avg | 1.00 | 1.00 | 1.00 | 30 |
| weighted avg | 1.00 | 1.00 | 1.00 | 30 |

Confusion Matrix:

```
[[10 0 0]
 [ 0 9 0]
 [ 0 0 11]]
```

