**IEEE CIS/SMC Challenge**

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**Motivation**

Label1

7 56000

6 40000

4 33393

5 18184

3 12264

8 10491

1 2000

2 1746

9 1133

10 130

Name: Label1, dtype: int64

Label2

1 119341

0 56000

Name: Label2, dtype: int64

Label

-7 56000

6 40000

4 33393

5 18184

3 12264

8 10491

1 2000

2 1746

9 1133

10 130

Name: Label, dtype: int64

Evaluation:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Exact Match Loss | Exact Match Accuracy | Hamming Loss | Hamming Accuracy |
| 1 | 0.580 | 76.06% | 0.179 | 82.08% |
| 2 | 0.556 | 75.49% | 0.188 | 81.19% |
| 3 | 0.588 | 76.68% | 0.176 | 82.41% |
| 4 | 0.561 | 77.24% | 0.170 | 83.03% |
| 5 | 0.604 | 75.85% | 0.184 | 81.64% |
| 6 | 0.560 | 76.84% | 0.174 | 82.64% |
| 7 | 0.579 | 76.27% | 0.178 | 82.24% |
| 8 | 0.549 | 78.52% | 0.160 | 84.03% |
| 9 | 0.572 | 74.56% | 0.196 | 80.36% |
| 10 | 0.665 | 73.89% | 0.202 | 79.79% |
| Average | 0.581 | 76.14% | 0.181 | 81.94% |
| Standard derivation | 3.19% | 1.25% | 1.20% | 1.19% |

Text

Description automatically generated with medium confidence