

```
1 T:\PythonProjects\Image_Prediction_Project\.venv\  
  Scripts\python.exe T:\PythonProjects\  
  Image_Prediction_Project\src\age_prediction\resnet18.  
  py  
2 Epoch 1/50  
3 Train Loss: 2.4102, Train Acc: 25.42  
4 Validation Loss: 2.2432, Validation Acc: 28.81  
5 Epoch 2/50  
6 Train Loss: 2.1859, Train Acc: 29.58  
7 Validation Loss: 2.1447, Validation Acc: 30.26  
8 Epoch 3/50  
9 Train Loss: 2.1097, Train Acc: 30.81  
10 Validation Loss: 2.1198, Validation Acc: 30.22  
11 Epoch 4/50  
12 Train Loss: 2.0679, Train Acc: 31.52  
13 Validation Loss: 2.1093, Validation Acc: 30.90  
14 Epoch 5/50  
15 Train Loss: 2.0363, Train Acc: 32.11  
16 Validation Loss: 2.0893, Validation Acc: 31.09  
17 Epoch 6/50  
18 Train Loss: 2.0119, Train Acc: 32.54  
19 Validation Loss: 2.0952, Validation Acc: 30.01  
20 Epoch 7/50  
21 Train Loss: 1.9917, Train Acc: 33.31  
22 Validation Loss: 2.0659, Validation Acc: 31.19  
23 Epoch 8/50  
24 Train Loss: 1.9759, Train Acc: 33.90  
25 Validation Loss: 2.0911, Validation Acc: 30.24  
26 Epoch 9/50  
27 Train Loss: 1.9617, Train Acc: 34.21  
28 Validation Loss: 2.0646, Validation Acc: 30.96  
29 Epoch 10/50  
30 Train Loss: 1.9463, Train Acc: 34.50  
31 Validation Loss: 2.0476, Validation Acc: 30.86  
32 Epoch 11/50  
33 Train Loss: 1.9393, Train Acc: 34.76  
34 Validation Loss: 2.0699, Validation Acc: 31.36  
35 Epoch 12/50  
36 Train Loss: 1.9365, Train Acc: 34.79  
37 Validation Loss: 2.0474, Validation Acc: 31.93  
38 Epoch 13/50
```

```
39 Train Loss: 1.9236, Train Acc: 34.86
40 Validation Loss: 2.0399, Validation Acc: 31.43
41 Epoch 14/50
42 Train Loss: 1.9155, Train Acc: 35.21
43 Validation Loss: 2.0513, Validation Acc: 30.29
44 Epoch 15/50
45 Train Loss: 1.9082, Train Acc: 35.39
46 Validation Loss: 2.0362, Validation Acc: 31.95
47 Epoch 16/50
48 Train Loss: 1.9022, Train Acc: 35.33
49 Validation Loss: 2.0500, Validation Acc: 30.10
50 Epoch 17/50
51 Train Loss: 1.8979, Train Acc: 35.57
52 Validation Loss: 2.0477, Validation Acc: 30.86
53 Epoch 18/50
54 Train Loss: 1.8963, Train Acc: 35.56
55 Validation Loss: 2.0371, Validation Acc: 31.38
56 Epoch 19/50
57 Train Loss: 1.8876, Train Acc: 35.83
58 Validation Loss: 2.0447, Validation Acc: 31.72
59 Epoch 20/50
60 Train Loss: 1.8828, Train Acc: 35.68
61 Validation Loss: 2.0615, Validation Acc: 31.43
62 Epoch 21/50
63 Train Loss: 1.8802, Train Acc: 35.84
64 Validation Loss: 2.0401, Validation Acc: 31.76
65 Epoch 22/50
66 Train Loss: 1.8767, Train Acc: 36.28
67 Validation Loss: 2.0599, Validation Acc: 31.30
68 Epoch 23/50
69 Train Loss: 1.8760, Train Acc: 36.45
70 Validation Loss: 2.0437, Validation Acc: 31.62
71 Epoch 24/50
72 Train Loss: 1.8681, Train Acc: 36.30
73 Validation Loss: 2.0642, Validation Acc: 30.18
74 Epoch 25/50
75 Train Loss: 1.8652, Train Acc: 36.56
76 Validation Loss: 2.0498, Validation Acc: 31.43
77 Epoch 26/50
78 Train Loss: 1.8617, Train Acc: 36.78
79 Validation Loss: 2.0493, Validation Acc: 31.51
```

```
80 Epoch 27/50
81 Train Loss: 1.8578, Train Acc: 36.64
82 Validation Loss: 2.0605, Validation Acc: 30.77
83 Epoch 28/50
84 Train Loss: 1.8568, Train Acc: 36.87
85 Validation Loss: 2.0619, Validation Acc: 30.39
86 Epoch 29/50
87 Train Loss: 1.8529, Train Acc: 36.74
88 Validation Loss: 2.0542, Validation Acc: 32.29
89 Epoch 30/50
90 Train Loss: 1.8530, Train Acc: 37.22
91 Validation Loss: 2.0583, Validation Acc: 29.95
92 Epoch 31/50
93 Train Loss: 1.8498, Train Acc: 36.78
94 Validation Loss: 2.0596, Validation Acc: 31.13
95 Epoch 32/50
96 Train Loss: 1.8476, Train Acc: 37.04
97 Validation Loss: 2.0541, Validation Acc: 31.68
98 Epoch 33/50
99 Train Loss: 1.8465, Train Acc: 36.88
100 Validation Loss: 2.0730, Validation Acc: 29.59
101 Epoch 34/50
102 Train Loss: 1.8440, Train Acc: 37.21
103 Validation Loss: 2.0571, Validation Acc: 30.29
104 Epoch 35/50
105 Train Loss: 1.8379, Train Acc: 37.50
106 Validation Loss: 2.0798, Validation Acc: 31.70
107 Epoch 36/50
108 Train Loss: 1.8388, Train Acc: 37.40
109 Validation Loss: 2.0707, Validation Acc: 29.55
110 Epoch 37/50
111 Train Loss: 1.8330, Train Acc: 37.76
112 Validation Loss: 2.0579, Validation Acc: 31.00
113 Epoch 38/50
114 Train Loss: 1.8389, Train Acc: 37.31
115 Validation Loss: 2.0666, Validation Acc: 31.19
116 Epoch 39/50
117 Train Loss: 1.8343, Train Acc: 37.77
118 Validation Loss: 2.0746, Validation Acc: 31.83
119 Epoch 40/50
120 Train Loss: 1.8287, Train Acc: 37.60
```

```
121 Validation Loss: 2.0632, Validation Acc: 31.00
122 Epoch 41/50
123 Train Loss: 1.8287, Train Acc: 37.54
124 Validation Loss: 2.0632, Validation Acc: 31.38
125 Epoch 42/50
126 Train Loss: 1.8249, Train Acc: 38.10
127 Validation Loss: 2.0617, Validation Acc: 31.30
128 Epoch 43/50
129 Train Loss: 1.8231, Train Acc: 37.79
130 Validation Loss: 2.0674, Validation Acc: 30.75
131 Epoch 44/50
132 Train Loss: 1.8251, Train Acc: 37.54
133 Validation Loss: 2.0653, Validation Acc: 30.75
134 Epoch 45/50
135 Train Loss: 1.8197, Train Acc: 38.31
136 Validation Loss: 2.0639, Validation Acc: 30.92
137 Epoch 46/50
138 Train Loss: 1.8219, Train Acc: 37.53
139 Validation Loss: 2.0686, Validation Acc: 31.19
140 Epoch 47/50
141 Train Loss: 1.8184, Train Acc: 37.71
142 Validation Loss: 2.0679, Validation Acc: 29.50
143 Epoch 48/50
144 Train Loss: 1.8182, Train Acc: 38.07
145 Validation Loss: 2.1108, Validation Acc: 30.62
146 Epoch 49/50
147 Train Loss: 1.8164, Train Acc: 38.01
148 Validation Loss: 2.0717, Validation Acc: 30.64
149 Epoch 50/50
150 Train Loss: 1.8160, Train Acc: 38.11
151 Validation Loss: 2.0700, Validation Acc: 30.67
152 Time: 45.27 minutes
153 Accuracy: 0.3067
154 Precision: 0.1874
155 Recall: 0.2038
156 F1 Score: 0.1829
157
158 Process finished with exit code 0
159
```