## df\_alzheimer

**MLP:**

start training..

precision recall f1-score support

0 0.86 0.87 0.86 261

1 0.31 0.28 0.29 53

micro avg 0.77 0.77 0.77 314

macro avg 0.58 0.58 0.58 314

weighted avg 0.76 0.77 0.77 314

**LSTM:**

precision recall f1-score support

0 0.92 0.94 0.93 131

1 0.65 0.58 0.61 26

micro avg 0.88 0.88 0.88 157

macro avg 0.79 0.76 0.77 157

weighted avg 0.87 0.88 0.88 157

**CNN:**

precision recall f1-score support

0 0.88 0.94 0.91 131

1 0.53 0.35 0.42 26

micro avg 0.84 0.84 0.84 157

macro avg 0.70 0.64 0.66 157

weighted avg 0.82 0.84 0.83 157

## df\_cancer

**MLP:**

start training..

precision recall f1-score support

0 0.81 0.90 0.85 218

1 0.32 0.18 0.23 56

micro avg 0.76 0.76 0.76 274

macro avg 0.57 0.54 0.54 274

weighted avg 0.71 0.76 0.73 274

**LSTM:**

precision recall f1-score support

0 0.85 0.84 0.84 110

1 0.38 0.41 0.39 27

micro avg 0.75 0.75 0.75 137

macro avg 0.62 0.62 0.62 137

weighted avg 0.76 0.75 0.76 137

**CNN:**

precision recall f1-score support

0 0.83 0.95 0.89 110

1 0.55 0.22 0.32 27

micro avg 0.81 0.81 0.81 137

macro avg 0.69 0.59 0.60 137

weighted avg 0.78 0.81 0.78 137

## df\_depression

**MLP:**

precision recall f1-score support

0 0.67 0.58 0.62 155

1 0.44 0.53 0.48 96

micro avg 0.56 0.56 0.56 251

macro avg 0.55 0.56 0.55 251

weighted avg 0.58 0.56 0.57 251

**LSTM:**

precision recall f1-score support

0 0.67 0.77 0.72 74

1 0.59 0.46 0.52 52

micro avg 0.64 0.64 0.64 126

macro avg 0.63 0.62 0.62 126

weighted avg 0.64 0.64 0.63 126

**CNN:**

precision recall f1-score support

0 0.65 0.76 0.70 74

1 0.55 0.42 0.48 52

micro avg 0.62 0.62 0.62 126

macro avg 0.60 0.59 0.59 126

weighted avg 0.61 0.62 0.61 126

## df\_heart\_attack

**MLP:**

start training..

precision recall f1-score support

0 0.87 0.96 0.91 211

1 0.31 0.12 0.17 33

micro avg 0.84 0.84 0.84 244

macro avg 0.59 0.54 0.54 244

weighted avg 0.80 0.84 0.81 244

**LSTM:**

precision recall f1-score support

0 0.90 0.98 0.94 105

1 0.75 0.35 0.48 17

micro avg 0.89 0.89 0.89 122

macro avg 0.83 0.67 0.71 122

weighted avg 0.88 0.89 0.88 122

**CNN:**

precision recall f1-score support

0 0.88 0.98 0.93 105

1 0.60 0.18 0.27 17

micro avg 0.87 0.87 0.87 122

macro avg 0.74 0.58 0.60 122

weighted avg 0.84 0.87 0.84 122

## df\_parkinson

**MLP:**

precision recall f1-score support

0 0.90 0.93 0.91 214

1 0.11 0.08 0.10 24

micro avg 0.84 0.84 0.84 238

macro avg 0.51 0.50 0.50 238

weighted avg 0.82 0.84 0.83 238

**LSTM:**

precision recall f1-score support

0 0.93 0.99 0.96 106

1 0.83 0.38 0.53 13

micro avg 0.92 0.92 0.92 119

macro avg 0.88 0.69 0.74 119

weighted avg 0.92 0.92 0.91 119

**CNN:**

precision recall f1-score support

0 0.90 1.00 0.95 106

1 1.00 0.08 0.14 13

micro avg 0.90 0.90 0.90 119

macro avg 0.95 0.54 0.54 119

weighted avg 0.91 0.90 0.86 119

## df\_stroke

**MLP:**

start training..

precision recall f1-score support

0 0.85 0.88 0.87 227

1 0.16 0.12 0.14 40

micro avg 0.77 0.77 0.77 267

macro avg 0.50 0.50 0.50 267

weighted avg 0.75 0.77 0.76 267

**LSTM:**

precision recall f1-score support

0 0.90 0.94 0.92 115

1 0.50 0.37 0.42 19

micro avg 0.86 0.86 0.86 134

macro avg 0.70 0.65 0.67 134

weighted avg 0.84 0.86 0.85 134

**CNN:**

precision recall f1-score support

0 0.88 0.97 0.92 115

1 0.50 0.16 0.24 19

micro avg 0.86 0.86 0.86 134

macro avg 0.69 0.57 0.58 134

weighted avg 0.82 0.86 0.83 134