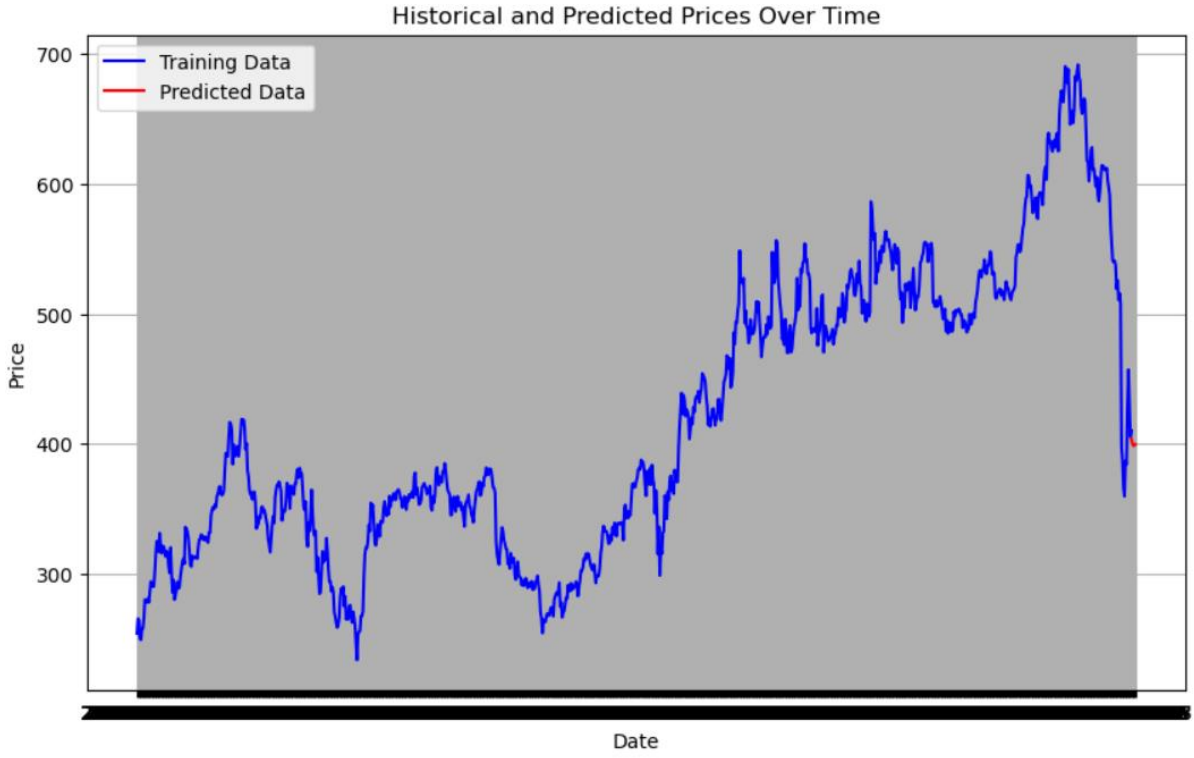
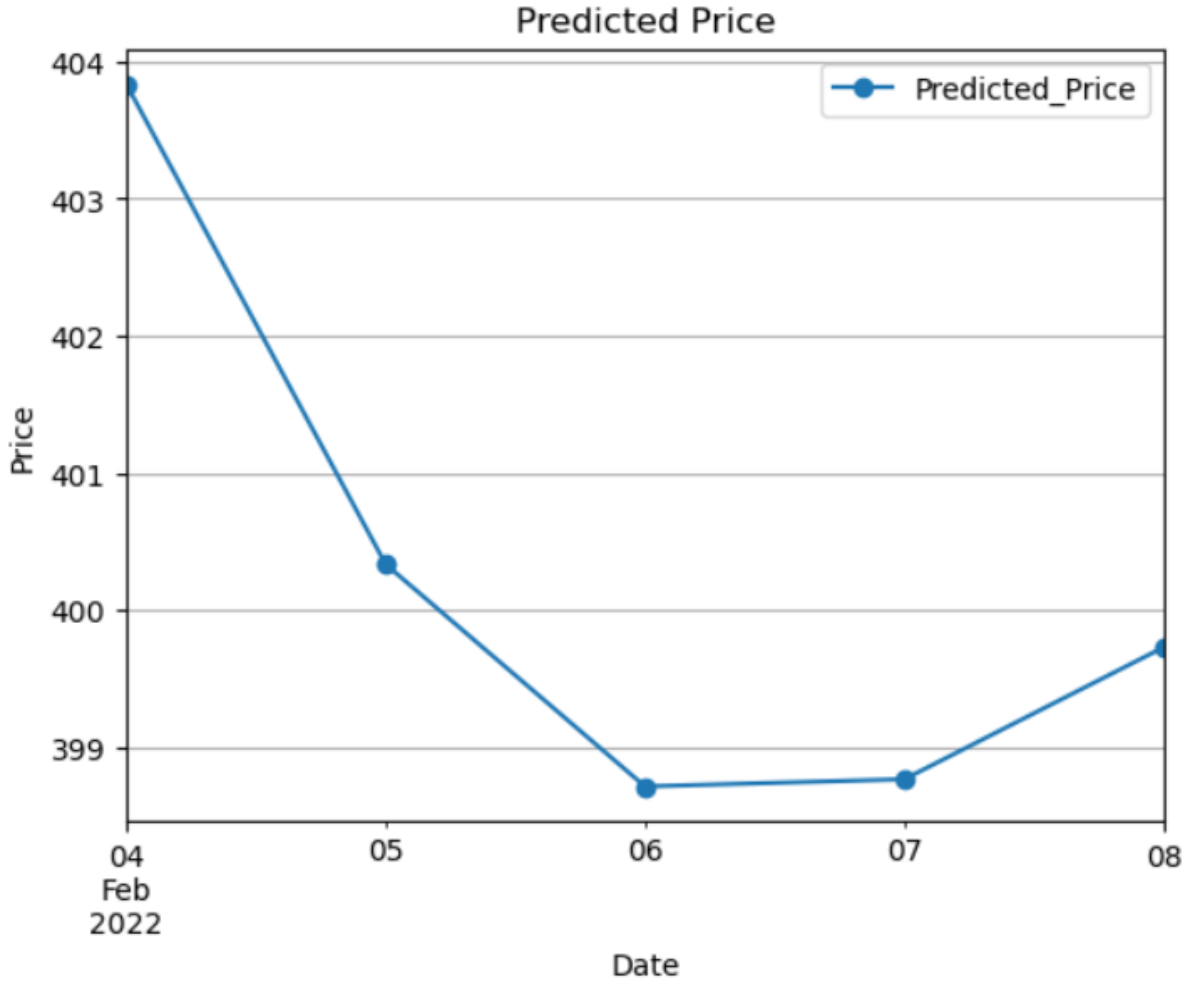

Historical and Predicted Prices Over Time
Training Data
Predicted Data
700
600
500
400
300
Price
Date


Predicted Price
Predicted_Price
404
403
402
401
400
399
Price
04
Feb
2022
05
06
07
08
Date

Epoch 1/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 9s 15ms/step - loss: 0.0713

Epoch 2/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0052

Epoch 3/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0020

Epoch 4/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0019

Epoch 5/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0019

Epoch 6/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0016

Epoch 7/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0018

Epoch 8/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 0.0018

Epoch 9/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0020

Epoch 10/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0019

Epoch 11/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0017

Epoch 12/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0018

Epoch 13/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0016

Epoch 14/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0015

Epoch 15/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0020

Epoch 16/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0016

Epoch 17/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0015

Epoch 18/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0016

Epoch 19/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0016

Epoch 20/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0015

Epoch 21/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0014

Epoch 22/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0015

Epoch 23/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0012

Epoch 24/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0015

Epoch 25/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0014

Epoch 26/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0014

Epoch 27/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0013

Epoch 28/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0011

Epoch 29/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0010

Epoch 30/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 17ms/step - loss: 0.0013

Epoch 31/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0010

Epoch 32/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 0.0011

Epoch 33/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 9.2211e-04

Epoch 34/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0011

Epoch 35/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0011

Epoch 36/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0010

Epoch 37/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0010

Epoch 38/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 9.9960e-04

Epoch 39/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 9.7448e-04

Epoch 40/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 9.9859e-04

Epoch 41/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 8.6109e-04

Epoch 42/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 8.9841e-04

Epoch 43/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 9.1857e-04

Epoch 44/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0012

Epoch 45/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 0.0010

Epoch 46/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 8.9055e-04

Epoch 47/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 9.1783e-04

Epoch 48/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.3022e-04

Epoch 49/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 8.3508e-04

Epoch 50/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.7731e-04

Epoch 51/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 8.2940e-04

Epoch 52/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.6216e-04

Epoch 53/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.3072e-04

Epoch 54/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 8.3566e-04

Epoch 55/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.6586e-04

Epoch 56/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.8876e-04

Epoch 57/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 7.2639e-04

Epoch 58/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.0320e-04

Epoch 59/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 7.9268e-04

Epoch 60/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.9368e-04

Epoch 61/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 6.1860e-04

Epoch 62/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.6976e-04

Epoch 63/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.2400e-04

Epoch 64/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.1713e-04

Epoch 65/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.0383e-04

Epoch 66/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.5095e-04

Epoch 67/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.3239e-04

Epoch 68/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.0590e-04

Epoch 69/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.1747e-04

Epoch 70/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 6.3690e-04

Epoch 71/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.7414e-04

Epoch 72/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 6.4617e-04

Epoch 73/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.3333e-04

Epoch 74/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 5.6103e-04

Epoch 75/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 4.8936e-04

Epoch 76/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.8028e-04

Epoch 77/100

25/25 ━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.3717e-04

Epoch 78/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.0691e-04

Epoch 79/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.5235e-04

Epoch 80/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.4228e-04

Epoch 81/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 13ms/step - loss: 5.9141e-04

Epoch 82/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 6.2562e-04

Epoch 83/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.1304e-04

Epoch 84/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 5.5837e-04

Epoch 85/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.5738e-04

Epoch 86/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.0891e-04

Epoch 87/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.7587e-04

Epoch 88/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.1393e-04

Epoch 89/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.7358e-04

Epoch 90/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.8552e-04

Epoch 91/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.6062e-04

Epoch 92/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 7.2567e-04

Epoch 93/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.8427e-04

Epoch 94/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.3963e-04

Epoch 95/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 6.2307e-04

Epoch 96/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 16ms/step - loss: 5.4418e-04

Epoch 97/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.3795e-04

Epoch 98/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 14ms/step - loss: 5.6411e-04

Epoch 99/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 5.7613e-04

Epoch 100/100

25/25 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 15ms/step - loss: 6.5103e-04

7/7 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 1s 7ms/step - loss: 5.6575e-04

Mean Squared Error: 0.001081580063328147

1/1 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 1s 801ms/step

1/1 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 45ms/step

1/1 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 36ms/step

1/1 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 53ms/step

1/1 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 0s 32ms/step

	Date	Predicted_Price
0	2022-02-04	403.837463
1	2022-02-05	400.335144
2	2022-02-06	398.714355
3	2022-02-07	398.766846
4	2022-02-08	399.729767