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## Welcome to the Delhi Air Quality Predictor

The Delhi Air Quality Predictor is an interactive application that empowers users to predict air quality index (AQI) and pollutant concentrations.

It leverages advanced predictive modeling to provide accurate forecasts based on user-selected dates and times.

Dynamic visualizations make it easy to explore historical and forecasted trends, enhancing your understanding of air quality patterns.

This tool is designed for decision-making and awareness in addressing air pollution challenges.

[Get Started](#)

# Prediction Page



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## Select Date and Time for Prediction

Select Date:

2025-01-03

Select Hour:

03

Select Minute:

25

Predict AQI

## Prediction Results

```
$Predicted_Values
$Predicted_Values$co
[1] 1119.725

$Predicted_Values$no
[1] 14.82937

$Predicted_Values$no2
[1] 59.91826

$Predicted_Values$o3
[1] 79.77828

$Predicted_Values$so2
[1] 109.0448

$Predicted_Values$pm2_5
[1] 118.7734

$Predicted_Values$pm10
[1] 133.6665

$Predicted_Values$nh3
[1] 8.147665

$Predicted_Values$AQI
      co
42.97388

$AQI
      co
42.97388
```

# Dataset Page



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## Air Quality Data

Show 10 entries

Search:

	date	co	no	no2	o3	so2	pm2_5	pm10	nh3	AQI
1	2020-11-25T01:00:00Z	2616.88	2.18	70.6	13.59	38.62	364.61	411.73	28.63	94.52587500000001
2	2020-11-25T02:00:00Z	3631.59	23.25	89.11	0.33	54.36	420.96	486.21	41.04	128.8815625
3	2020-11-25T03:00:00Z	4539.49	52.75	100.08	1.11	68.67	463.68	541.95	49.14	159.5065
4	2020-11-25T04:00:00Z	4539.49	50.96	111.04	6.44	78.2	454.81	534	48.13	159.7805625
5	2020-11-25T05:00:00Z	4379.27	42.92	117.9	17.17	87.74	448.14	529.19	46.61	154.9951875
6	2020-11-25T06:00:00Z	3898.62	28.39	117.9	40.05	101.09	437.25	511.79	42.05	139.9189375
7	2020-11-25T07:00:00Z	1949.31	14.53	105.56	83.69	185.01	312.76	349.2	12.79	76.68599999999998
8	2020-11-25T08:00:00Z	1508.71	11.62	112.41	87.98	217.44	275.53	303.47	6.59	62.5993125
9	2020-11-25T09:00:00Z	1361.85	7.04	109.67	95.84	213.62	263.51	289.86	6.02	57.5833125
10	2020-11-25T10:00:00Z	1602.17	3.1	93.22	104.43	152.59	271.25	302.27	12.16	63.9245

Showing 1 to 10 of 18,776 entries

# Data Visualization & Trend Analysis Page



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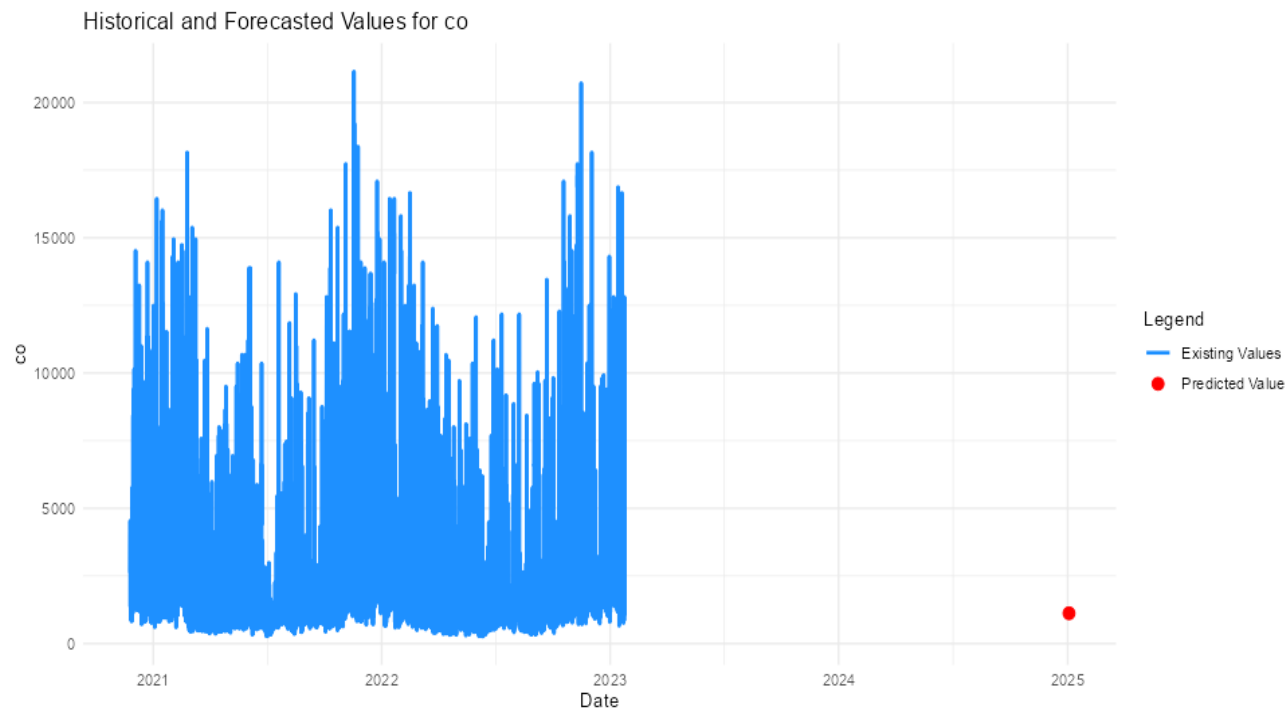
Select Gas or AQI to View Trends

Select Gas/AQI:

CO

View Graph

## Gas/AQI Trend Analysis





# Login Page


Delhi Air Quality





Logout

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Login with Google

 Login with Google

User Info

Hello, MANAN LEDWANI