AirPure Innovations

Pure Air, Pure Life

Info

AQI Analysis by areas and EV

AQI Yearly Trend

Air Purifier Market Analysis

Abbreviations :
LY - Last Year | AQI - Air Quality Index | EV- Electronic Vehicle

Data Period : April 2022 to April 2025

Designed by Abinaya Sundari

Air We Breathe: Pollution Impact & Purification Market Dashboard

Average AQI

61.00
LY : 118.00 (+48.31%)

Average_Aqi

(Blank)
0.00 (Bla...

City risk score for Mumbai

99.92

state: Kerala

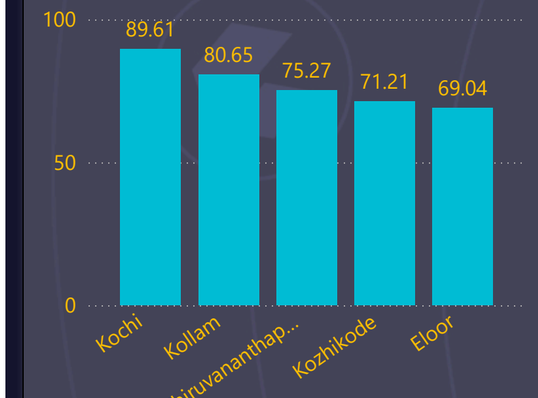
Metro ...: Mumbai

N selectio...: 5

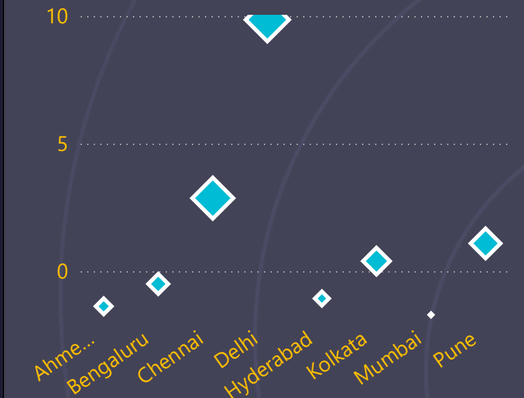
BottomN / TopN

2022 | 2023 | 2024 | 2025

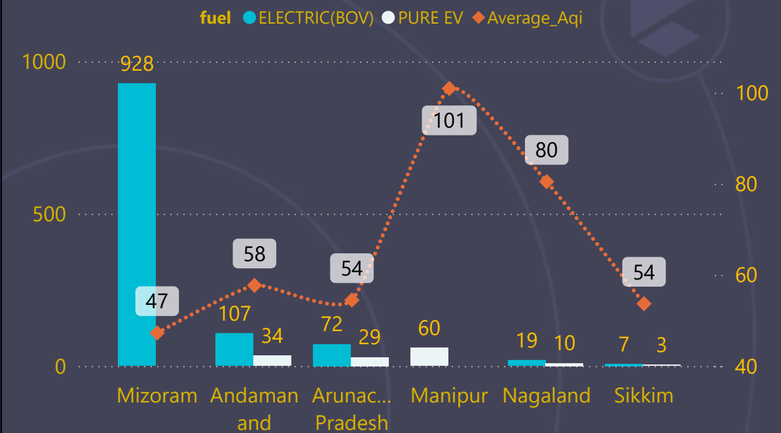
Top 5 cities by Average AQI(Last 6 months) (Kerala)



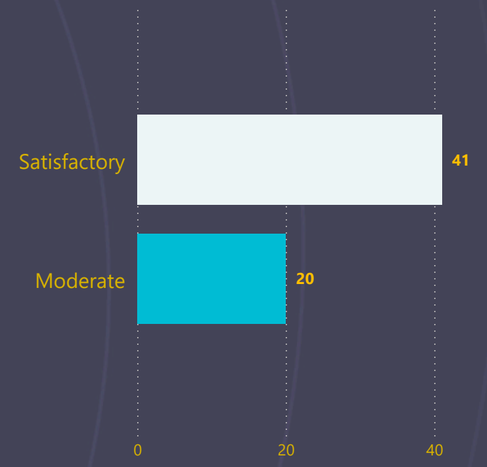
Air Quality Shifts: Weekday–Weekend AQI Differences by Cities



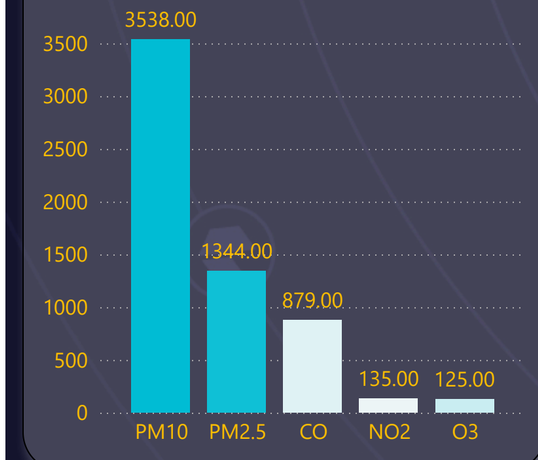
Least EV-Adopting States and Their Average AQI Trends



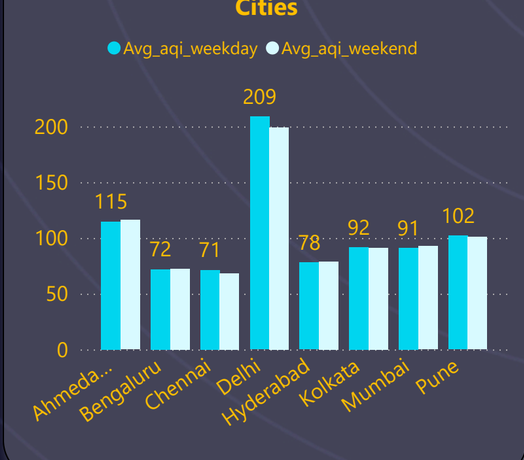
Air Quality Status for Mumbai



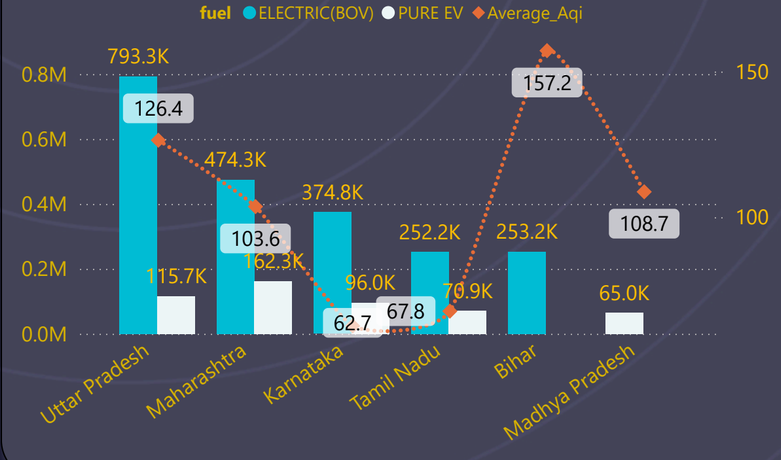
Top 5 prominent pollutants for Kerala



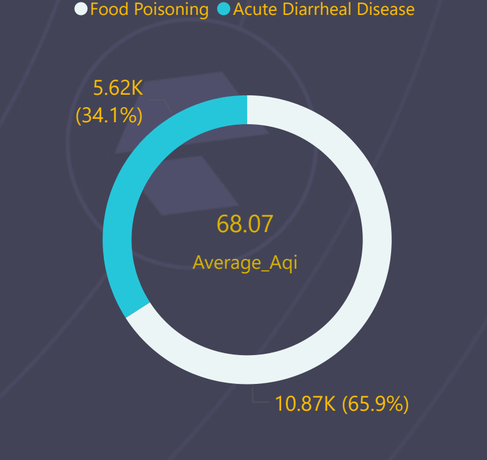
Weekend vs. Weekday AQI Impact Across Cities



Most EV-Adopting States and Their Average AQI Trends

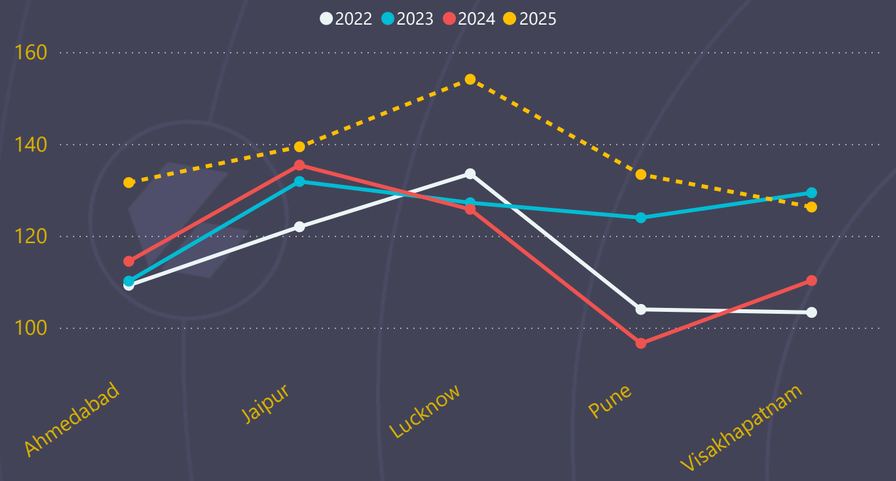


Health burden by disease in Kerala

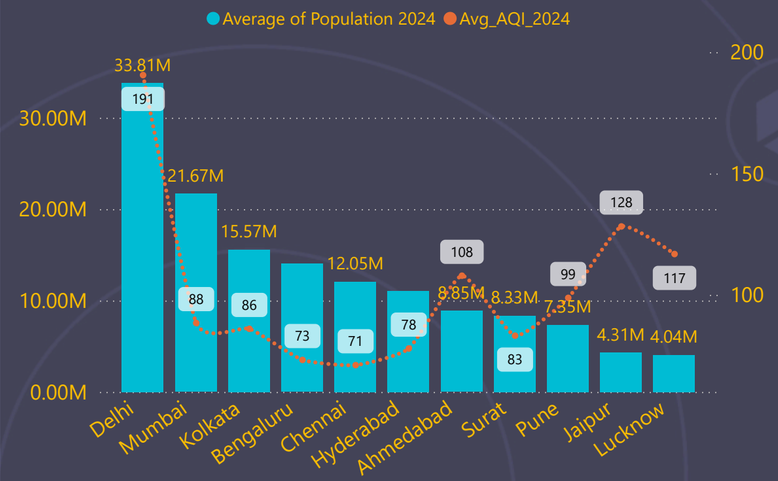


Air We Breathe: Pollution Impact & Purification Market Dashboard

Yearly Air Quality Trends Across Tier2 cities



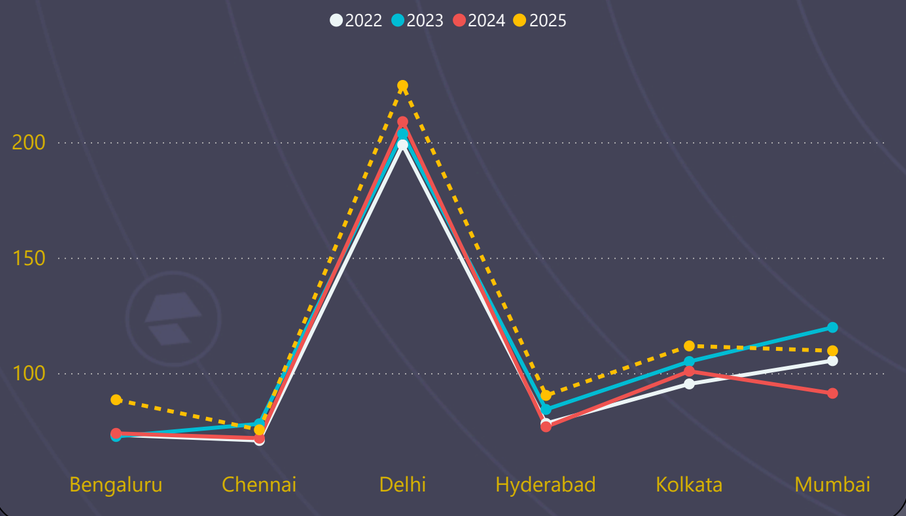
City-Level Air Pollution in Relation to Population – 2024



Google trends on AQI

state	Average_Aqi	Google search popularity
Delhi	206.42	78
Haryana	140.85	56
Bihar	157.16	53
Uttar Pradesh	126.42	39
Uttarakhand	87.90	38
Chandigarh	141.56	34
Telangana	81.01	33
Andhra Pradesh	77.51	32
Assam	114.12	31
Puducherry	56.51	31
Tripura	126.70	29
Odisha	124.88	28
Punjab	117.85	26
Rajasthan	127.99	26
Madhya Pradesh	108.72	25
Gujarat	110.63	24
Karnataka	62.67	24
Tamil Nadu	67.76	24
Manipur	100.93	23
Himachal Pradesh	160.26	21
Maharashtra	103.64	21
Chhattisgarh	78.99	20
Kerala	68.07	19
Meghalaya	62.73	19
West Bengal	114.19	19
Jharkhand	164.94	18
Andaman and Nicobar Islands	57.71	0
Arunachal Pradesh	54.49	0
Mizoram	47.25	0
Nagaland	80.46	0

Yearly Air Quality Trends Across Tier1 Cities



Average Monthly AQI Across States

state	January	February	March	April	May	June	July	Augu
Andhra Pradesh	114.74	94.38	78.55	70.89	68.96	63.19	49.71	55
Bihar	245.57	188.38	147.44	161.41	132.23	123.32	79.25	80
Haryana	182.05	139.75	112.13	149.71	156.46	133.03	74.87	74
Karnataka	76.64	76.64	72.73	66.46	60.23	50.31	44.99	46
Madhya Pradesh	141.35	117.45	105.42	119.29	115.48	86.67	56.91	62
Maharashtra	141.34	128.36	122.87	104.36	99.17	70.24	51.38	53
Odisha	193.61	144.89	137.73	129.21	98.81	92.40	57.66	65
Rajasthan	165.44	131.83	118.79	132.31	137.71	110.34	82.08	79
Tamil Nadu	90.18	81.79	69.80	61.69	61.29	55.13	56.13	55
Uttar Pradesh	160.45	122.91	108.84	138.23	135.87	122.77	63.50	70

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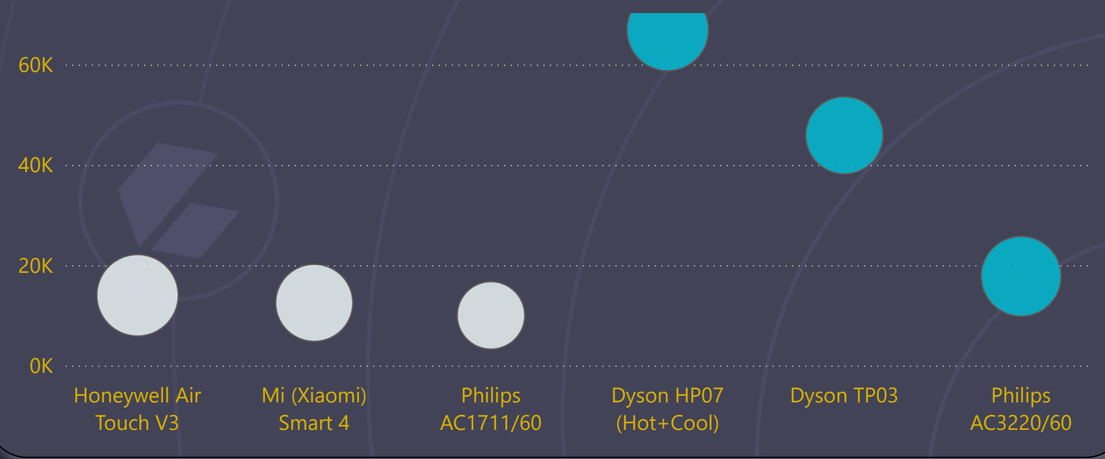
Air Purifiers: Price and Coverage with VOC Sensor Insight



Competitors feature gap matrix

Feature	Honeywell Air Touch	Philips 3000i	Sharp FP-J80	Xiaomi Smart Air	Dyson Pure Cool
Activated Carbon Filter	yes	yes	yes	yes	yes
Air Quality History Trends	no	yes	no	no	yes
Auto Mode (based on AQI)	yes	yes	yes	yes	yes
Compact/Wall-Mount Design	no	yes	no	yes	yes
Coverage Area > 400 sq. ft	yes	yes	yes	yes	yes
HEPA Filter (H13 or above)	yes	yes	yes	yes	yes
Humidifier Combo	no	no	yes	no	no
PM2.5 Display / AQI Monitor	yes	yes	yes	yes	yes
Power Consumption Display	no	no	no	no	⚠ (Est.)
Price under ₹10,000	yes	no	no	yes	no
Real-Time AQI Adjustment	no	yes	no	⚠ (Delayed)	yes

Policies and its Impact

City/Region	Policy/Initiative	Impact Magnitude	Observed Impact
Mumbai	NCAP, BS-VI, EV	Moderate	Gradual improvement, impacted by BS-VI and EV policies
Bengaluru	NCAP, EV Policy	Mild	Mild AQI improvement, mostly EV-driven
Kanpur	NCAP	Moderate	Moderate improvement in AQI after NCAP
Varanasi	NCAP	High	Notable PM2.5 reduction by 2023
Chennai	State Initiatives	Mild	Slight AQI improvement, already moderate
Lucknow	NCAP	Long-term	Steady decline in PM2.5 levels post-2019
Delhi	GRAP, NCAP, EV Policy	Short-term	Temporary AQI drop during GRAP phases
Pune	NCAP, EV Policy	Moderate	Visible decline in PM2.5 from 2021 onwards

Feature Availability Across Air Purifier Models

Air purifier	Smart Control	Filtration	First PM2.5 Sensor	VOC Sensor	Extras
Dyson HP07 (Hot+Cool)	Yes	HEPA + Carbon	Yes	Yes	Heating & cooling
Mi (Xiaomi) Smart 4	Yes	HEPA + Carbon	Yes	No	High CADR for price
Honeywell Air Touch V3	No	HEPA + Carbon	Yes	No	Large CADR, no smart features
Philips AC3220/60	Yes	HEPA + Carbon	Yes	Yes	Long filter life
Dyson TP03	Yes	HEPA + Carbon	Yes	Yes	Oscillation
Philips AC1711/60	Yes	HEPA + Carbon	Yes	No	Quiet operation