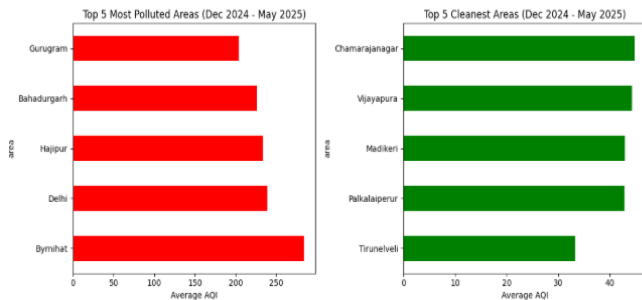
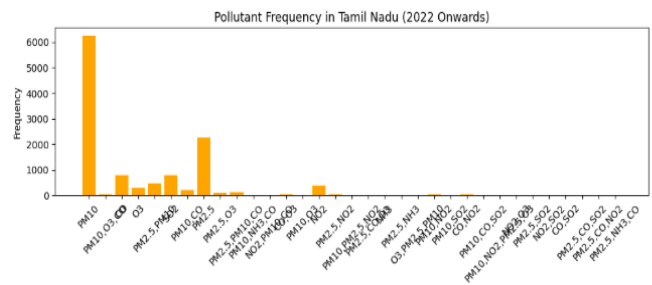


Primary Analysis Dashboard: Q1–Q7

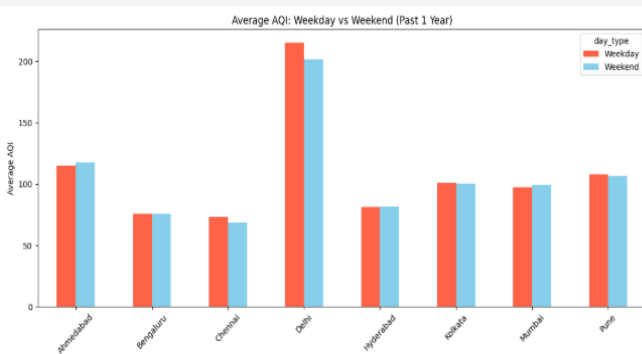
Q1: Top & Bottom AQI Areas



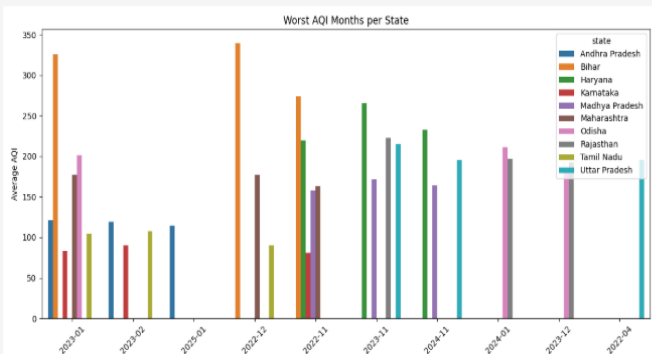
Q2: Top Pollutants in Tamil Nadu



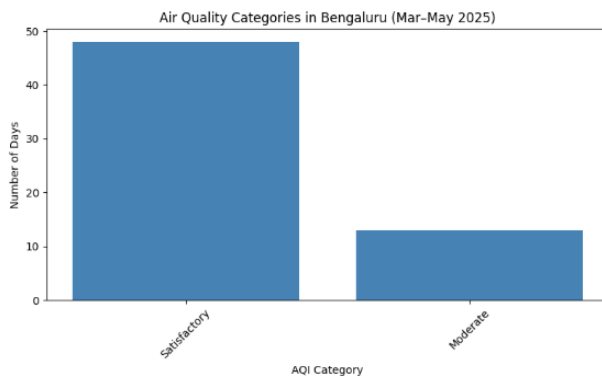
Q3: Weekday vs Weekend AQI



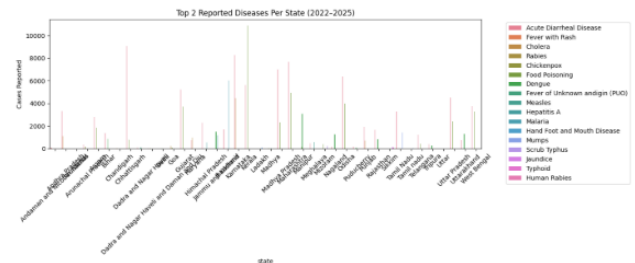
Q4: Worst AQI Months by State



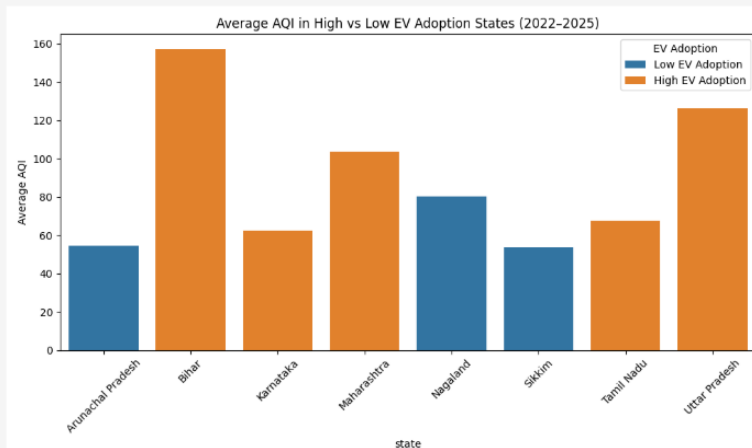
Q5: AQI Categories in Bengaluru



Q6: Pollution-Linked Disease Trends



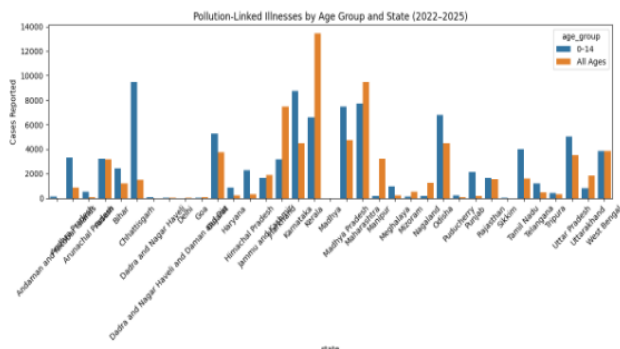
Q7: EV Adoption vs AQI



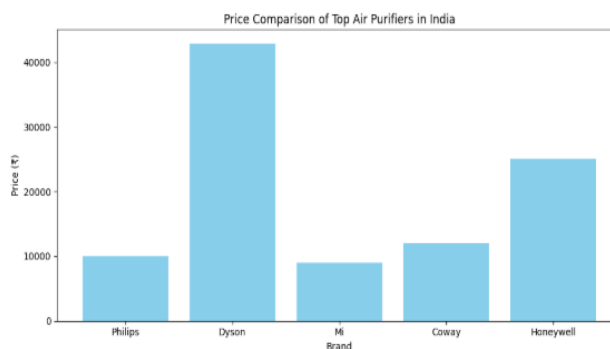


Secondary Analysis Dashboard: S1–S5

S1: Age Groups Most Affected



S2: Competitor Price vs Features



S3: Population Size vs AQI (2024)

state	avg_aqi	population
Andhra Pradesh	73.011129	20009
Andhra Pradesh	73.011129	19778
Andhra Pradesh	73.011129	19910
Arunachal Pradesh	58.076923	412
Arunachal Pradesh	58.076923	408

S4: AQI Awareness Summary

Source	Key Finding
AQI India Survey 2023	Only 18% of urban Indians understand AQI levels beyond color codes.
CSE Report 2022	Lower-income groups are less likely to check AQI apps or wear masks.
Twitter/X Polls 2024	During peak smog weeks, AQI-related tweets increase 6x.
Google Trends India 2023	Google searches for "AQI meaning" spike 40% in October–January.
WHO Air Pollution Report	Air pollution causes 1.7M premature deaths annually in India — mostly unrecognized.

S5: Government Policy Impact on AQI

Policy	Year Introduced	Implemented In	Target Area	Reported Impact
National Clean Air Programme (NCAP)	2019	131 non-attainment cities (nationwide)	Multi-sector urban pollution control (industry, transport, roads)	18% reduction in PM2.5 in top cities by 2023 (MoEFCC)
BS-VI Vehicle Emission Norms	2020	Nationwide	Vehicle emissions (fuel and engine standards)	Reduction in vehicle particulate matter (PM) in metros
Graded Response Action Plan (GRAP)	2017	Delhi NCR	Seasonal stubble burning and emergency smog	Improved AQI during Oct–Jan if consistently implemented
Odd-Even Rule (Delhi)	2016	Delhi	Vehicle traffic control during peak smog days	Short-term relief in AQI; mixed results in behavior change
Smog Towers Pilot (Delhi)	2021	Delhi (CP & Anand Vihar)	Pilot air cleaning tech for high-density zones	No long-term measurable AQI change (as of 2024)