Comprehensive Data Analysis Tool

Upload your dataset (CSV or Excel)

☁	**Drag and drop file here** Limit 200MB per file • CSV, XLSX		Browse files

📄 Delhi dataset - Sheet1.csv 6.8KB   ✕

Dataset loaded successfully! Shape: (100, 12)

⌄ Data Preview

	s.no	YEAR	MONTH	PETROL PRICES	PETROL PRICES.1	PETROL/HYBRID	PURE EV	DIESEL/HYBRID	ELECTRIC(BOV
30	31)	2019	JULY		6.27	655	0		1,015
31	32)	2019	AUGUST	72.8	66	569	0	18	1,889
32	33)	2019	SEPTEMBER	72.01	65.25	554	0	22	2,216
33	34)	2019	OCTOBER	74.61	67.49	890	0	41	2,377
34	35)	2019	NOVEMBER	72.86	65.8	532	0	14	1,929
35	36)	2019	DECEMBER	74.91	65.78	567	0	18	1,840
36	37)	2020	JANUARY	75.14	67.96	486	0	17	2,514
37	38)	2020	FEBRUARY	73.19	66.22	592	0	10	2,014
38	39)	2020	MARCH	71.71	64.3	459	0	4	1,286
39	40)	2020	APRIL	69.59	62.29	12	0	1	7
40	41)	2020	MAY	69.59	62.29	96	0	0	120

⌄ Data Types Information

	Column	Data_Type	Non_Null_Count	N
0	s.no	object	100	
1	YEAR	float64	100	
2	MONTH	object	100	
3	PETROL PRICES	float64	100	
4	PETROL PRICES.1	float64	100	
5	PETROL/HYBRID	object	100	
6	PURE EV	object	100	
7	DIESEL/HYBRID	int64	100	
8	ELECTRIC(BOV)	object	100	
9	PETROL	object	100	

Analysis Options
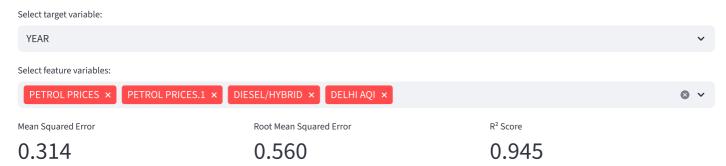
Choose analysis type:

○ Descriptive Statistics
○ Distributions & Correlations
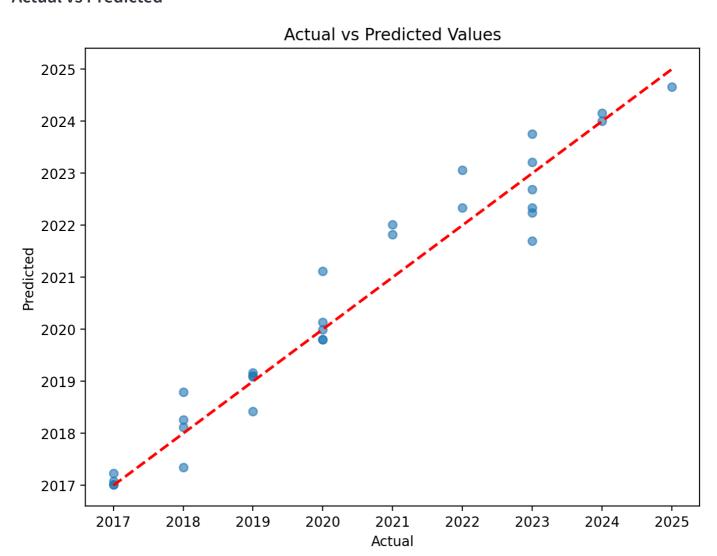○ Machine Learning - Classification

- ◉ Machine Learning - Regression
- ◯ Clustering Analysis
- ◯ Statistical Tests
- ◯ Comprehensive Analysis (Recommended)
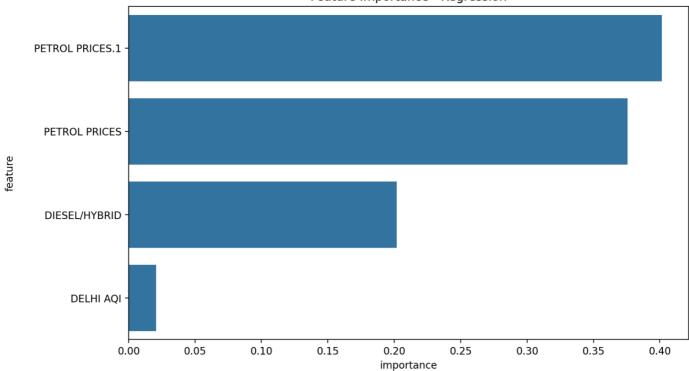
📈 Machine Learning - Regression

Select target variable:

YEAR	⌄

Select feature variables:

PETROL PRICES ×	PETROL PRICES.1 ×	DIESEL/HYBRID ×	DELHI AQI ×	⊗ ⌄

Mean Squared Error	Root Mean Squared Error	R² Score
0.314	0.560	0.945

Actual vs Predicted

Actual vs Predicted Values

Feature Importance

Feature Importance - Regression