

# Data Source Documentation

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<i>1.Data:</i>
We have data of Vadodara city, Gujarat. It contains values of different pollutants affecting air pollution.
<i>2.Name of data File:</i>
Environmental Report
<i>3.Owner of data source:</i>
State government of Gujarat, India.
<i>4.How the data is collected:</i>
It was collected using sensors. Data is getting transferred through optical fibre on server. The sensors used here are Environmental sensors of PAQS.
<i>5.Time period of data collection:</i>
31 <sup>st</sup> December 2018 to 24 <sup>th</sup> October 2020
<i>6.Frequency of updates:</i>
Every 15 mins for particular place
<i>7.File size :</i>
39 MB
<i>8.File type:</i>
Microsoft Excel Spreadsheet
<i>9.Size of Data:</i>
We have 6 sheets in the data.
<i>10.Quality/Accuracy of data:</i>
Depends on the efficiency of sensors
<i>11.Languages covered in data source:</i>
English
<i>12.Geographical areas covered in data source:</i>
Mangal bazar
Transpek area

Altadara pumping station
Makarpura GIDC
Jambuva Police Check Post
Gorwa Pumping Station
Bapod (Ward 9) Office
Channi Tol Naka
<i>13.Publication form and reference:</i>
Not a public database. No reports are published yet.
<i>14.Reason for data collection :</i>
To analyse where the pollution is high in the city.
<i>15.Content of data source:</i>
Start date and time, AQI parameter, AQI value, CO, CO <sub>2</sub> , Light, Place name, Noise, NO <sub>2</sub> , O <sub>3</sub> , PM 10, PM 2.5, Remark, Rh, SO <sub>2</sub> , Temperature, Ts, UVA, UVB
<i>16.Constraints for using data source:</i>
Data source is only available if you take permission from owner and assure them confidentiality.