**Ozone - Data Set Information**

Two ground ozone level data sets are included in this collection. One is the eight hour peak set (ozone\_eighthr.csv), the other is the one hour peak set (ozone\_onehr.csv). Those data were collected from 1998 to 2004 at the Houston, Galveston and Brazoria area.

Number of instances: 2535

Number of attributes: 73 attributes

**Attribute Information:**

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|  | **Attribute** | **Description** |
| 1 | Date | Date |
| 2 - 25 | WS00 – WS23 | wind speed at various time throughout the day |
| 26 | WSR\_PK | peek wind speed |
| 27 | WSR\_AV | average wind speed |
| 28 - 51 | T00 – T23 | temperature measured at different time throughout the day |
| 52 | T\_PK | Peak T |
| 53 | T\_AV | Average T |
| 54 | T85 | T at 850 hpa level (or about 1500 m height) |
| 55 | RH85 | Relative Humidity at 850 hpa |
| 56 | U85 | U wind - east-west direction wind at 850 hpa |
| 57 | V85 | V wind - N-S direction wind at 850 |
| 58 | HT85 | Geopotential height at 850 hpa, it is about the same as height at low altitude |
| 59 | T70 | T at 700 hpa level (roughly 3100 m height) |
| 60 | RH70 | Relative Humidity at 700 hpa |
| 61 | U70 | U wind - east-west direction wind at 700 hpa |
| 62 | V70 | V wind - N-S direction wind at 700 |
| 63 | HT70 | Geopotential height at 700 hpa, it is about the same as height at low altitude |
| 64 | T50 | T at 500 hpa level (roughly at 5500 m height) |
| 65 | RH50 | Relative Humidity at 500 hpa |
| 66 | U50 | U wind - east-west direction wind at 500 hpa |
| 67 | V50 | V wind - N-S direction wind at 500 |
| 68 | HT50 | Geopotential height at 500 hpa, it is about the same as height at low altitude |
| 69 | KI | K-Index |
| 70 | TT | T-Totals |
| 71 | SLP | Sea level pressure |
| 72 | SLP\_ | SLP change from previous day |
| 73 | Precp | Precipitation |
| 74 | Ozone | Ozone level |