

MACHINE PERFORMANCE REPORT

04 September 2025

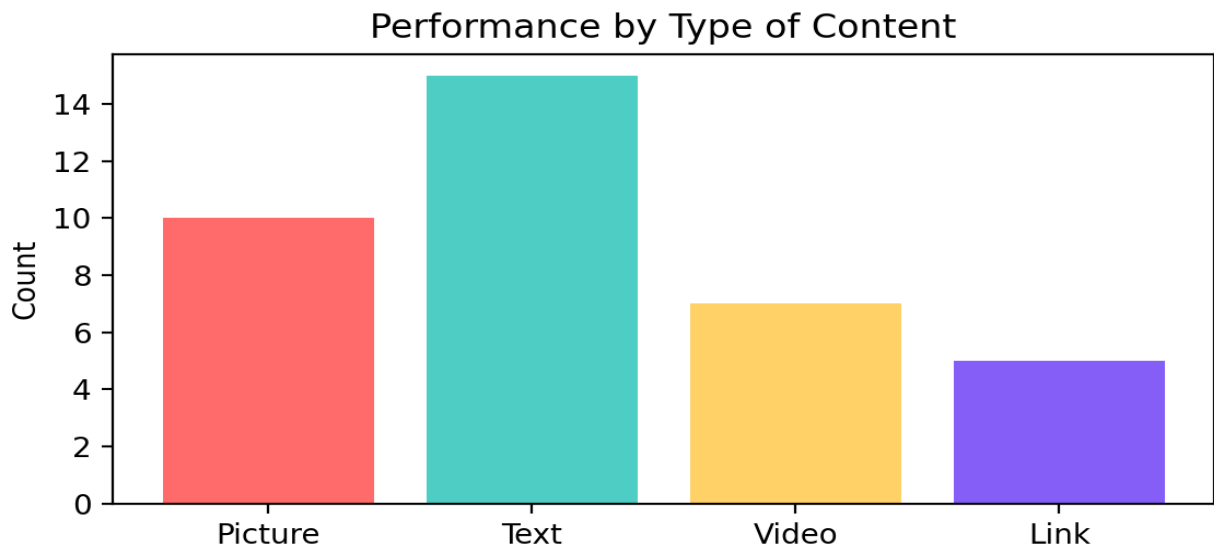
Summary

| SrNo | Date | NO | CO | NO2 | O3 | SO2 | PM2.5 | Benzene | Toulene | P_Xylene | NOx | PM10 | Wirtz |
|------|------------|------|------|-------|-------|-------|--------|---------|---------|----------|-------|--------|-------|
| 1 | 04-04-2015 | 7.22 | 1.77 | 47.94 | 51.07 | 16.88 | 48.99 | 2.53 | 9.65 | 3.0 | 52.97 | 82.85 | 141.0 |
| 2 | 05-04-2015 | 6.99 | 0.22 | 45.27 | 19.26 | 16.71 | 60.2 | 3.19 | 11.1 | 2.67 | 51.31 | 113.53 | 166.0 |
| 3 | 09-04-2015 | 7.6 | 0.5 | 59.86 | 94.29 | 13.11 | 46.93 | 2.29 | 8.61 | 3.43 | 65.53 | 171.36 | 220.0 |
| 4 | 10-04-2015 | 7.57 | 0.77 | 63.56 | 66.91 | 16.19 | 112.95 | 3.92 | 10.76 | 4.66 | 68.83 | 232.22 | 233.0 |
| 5 | 11-04-2015 | 8.34 | 0.48 | 61.99 | 69.48 | 20.28 | 104.87 | 5.19 | 15.95 | 7.66 | 67.4 | 235.05 | 221.0 |
| 6 | 12-04-2015 | 6.89 | 0.41 | 50.71 | 33.28 | 18.84 | 48.74 | 2.12 | 7.57 | 2.47 | 56.19 | 111.06 | 162.0 |
| 7 | 13-04-2015 | 6.89 | 0.37 | 50.47 | 45.15 | 16.26 | 62.7 | 2.29 | 7.62 | 2.8 | 55.71 | 119.54 | 173.0 |
| 8 | 14-04-2015 | 7.21 | 1.25 | 48.96 | 52.98 | 17.38 | 66.6 | 2.36 | 7.45 | 2.57 | 54.88 | 132.65 | 163.0 |

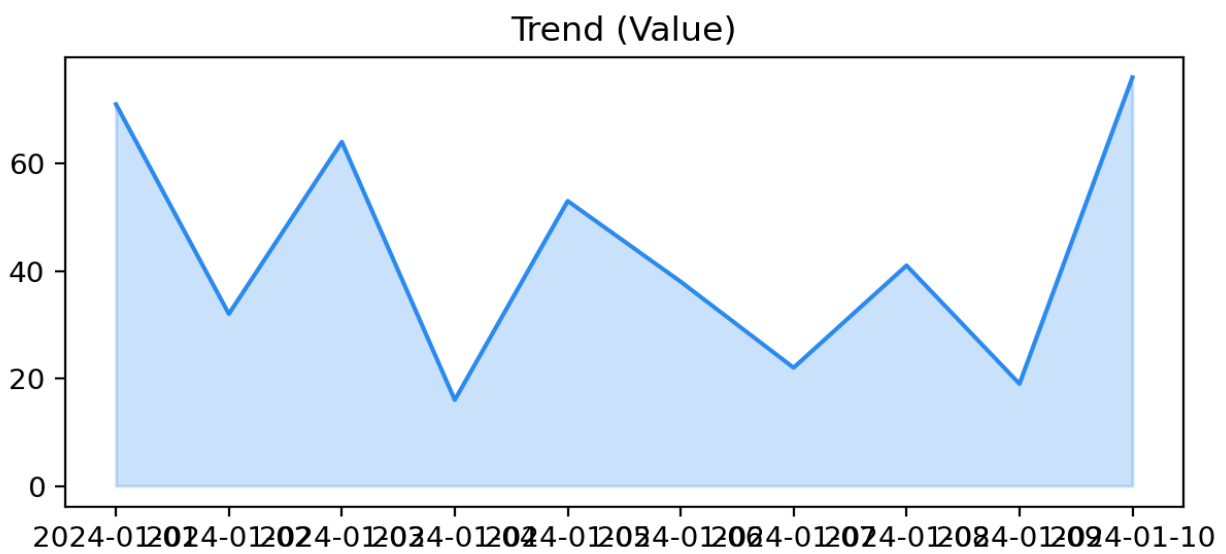
Key Metrics (Numeric columns)

| column | count | mean | std | min | 25% | 50% | 75% | max |
|----------|-------|--------|--------|-------|-------|--------|--------|--------|
| SrNo | 403.0 | 202.0 | 116.48 | 1.0 | 101.5 | 202.0 | 302.5 | 403.0 |
| Date | 0.0 | nan | nan | nan | nan | nan | nan | nan |
| NO | 401.0 | 81.32 | 97.2 | 1.12 | 11.38 | 39.22 | 118.03 | 480.9 |
| CO | 402.0 | 2.21 | 1.6 | 0.22 | 1.2 | 1.78 | 2.74 | 19.9 |
| NO2 | 401.0 | 74.43 | 25.86 | 25.27 | 54.5 | 73.68 | 91.43 | 149.01 |
| O3 | 397.0 | 56.3 | 29.69 | 4.98 | 30.12 | 53.21 | 76.85 | 159.7 |
| SO2 | 399.0 | 25.99 | 25.27 | 0.0 | 9.52 | 21.68 | 37.14 | 371.75 |
| PM2.5 | 401.0 | 130.16 | 84.2 | 18.75 | 68.11 | 108.24 | 166.16 | 550.23 |
| Benzene | 402.0 | 6.53 | 3.98 | 0.16 | 3.24 | 5.91 | 8.94 | 17.51 |
| Toulene | 402.0 | 17.19 | 10.41 | 0.0 | 9.7 | 16.24 | 22.97 | 48.41 |
| P_Xylene | 372.0 | 8.13 | 6.73 | 0.3 | 3.38 | 6.06 | 10.57 | 32.35 |
| NOx | 401.0 | 194.68 | 141.12 | 26.49 | 87.67 | 152.31 | 264.38 | 743.7 |

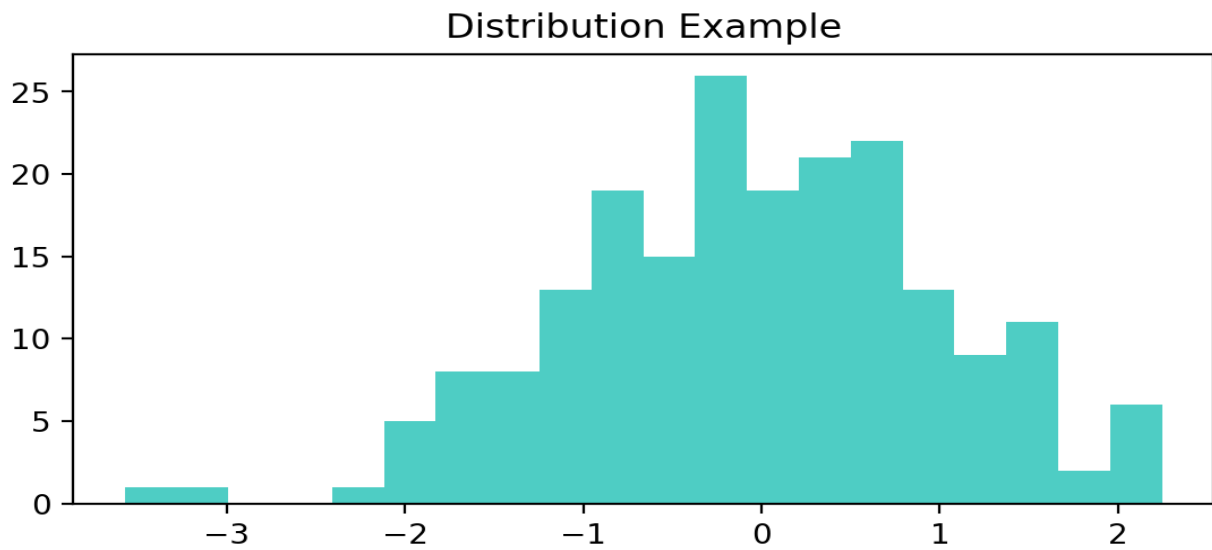
Performance by Type of Content (Bar chart)



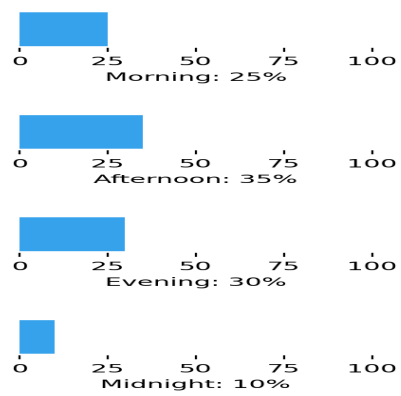
Trend over Time (Line & Area)



Distribution (Histogram)

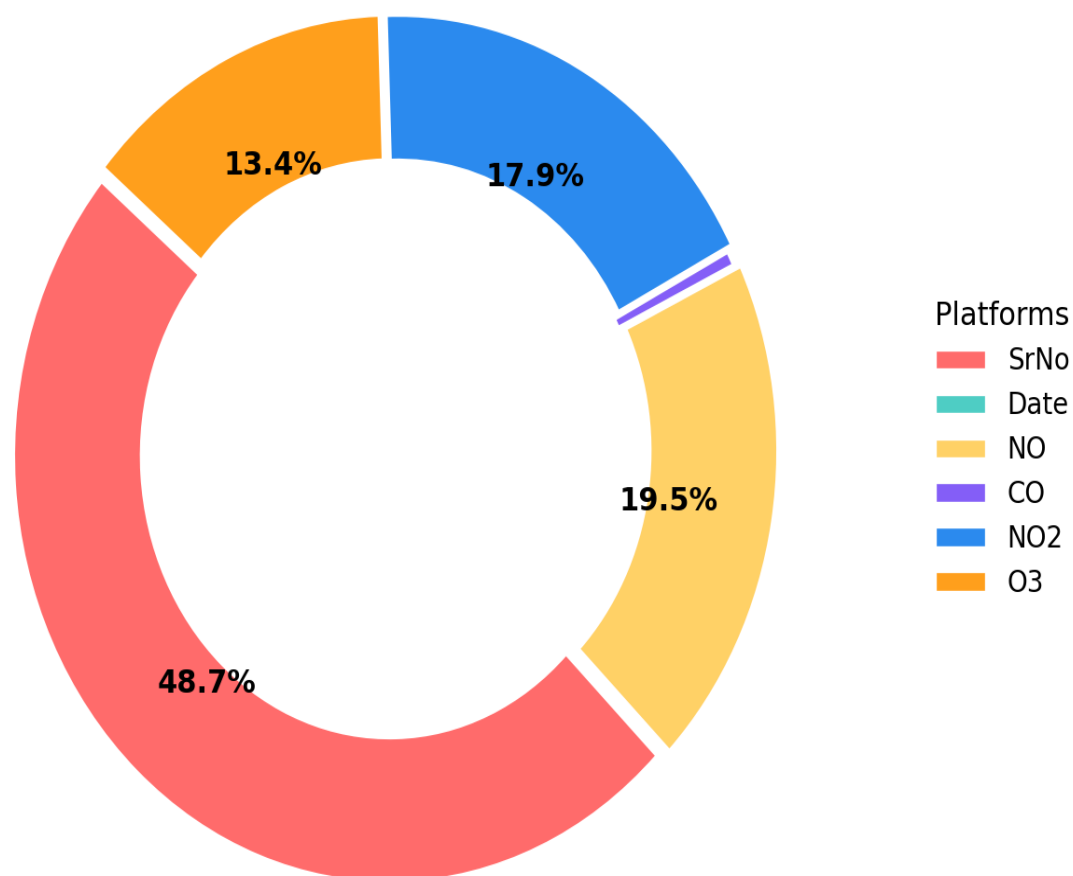


Peak Engagement Times (Gauge-like bars)



Performance by Social Media Platform (Donut)

Performance by Social Media Platform



Automated Summary

- Column with largest total: **BarPressure**