Exponential Smoothing Results

**A. Simple Exponential Smoothing**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Dataset | α = 0.2 | | α = 0.4 | | α = 0.6 | | α = 0.8 | |
| RMSE | R2 | RMSE | R2 | RMSE | R2 | RMSE | R2 |
| Delhi | 43.01 | 0.72 | 39.31 | 0.76 | 38.72 | 0.77 | ***38.49*** | ***0.78*** |
| Mumbai | 21.93 | 0.82 | 20.29 | 0.85 | 19.47 | 0.86 | ***19.12*** | ***0.87*** |
| Chennai | 21.84 | 0.60 | 20.03 | 0.66 | 18.92 | 0.70 | ***18.30*** | ***0.72*** |
| Hyderabad | 19.14 | 0.79 | 17.14 | 0.83 | 16.12 | 0.85 | ***15.66*** | ***0.86*** |
| Kolkata | 30.23 | 0.82 | 27.55 | 0.85 | 26.14 | 0.87 | ***25.45*** | ***0.87*** |

B. Double Exponential Smoothing

C. Triple Exponential Smoothing