



# Error Metrics Calculation for Performance Index

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 dataset.csv 175.1KB ✕

Dataset Preview:

|   | Hours Studied | Previous Scores | Extracurricular Activities | Sleep Hours | Sample Question Papers Practice |
|---|---------------|-----------------|----------------------------|-------------|---------------------------------|
| 0 | 7             | 99              | Yes                        | 9           |                                 |
| 1 | 4             | 82              | No                         | 4           |                                 |
| 2 | 8             | 51              | Yes                        | 7           |                                 |
| 3 | 5             | 52              | Yes                        | 5           |                                 |
| 4 | 7             | 75              | No                         | 8           |                                 |

Dataset with mapped 'Extracurricular Activities' column:

|   | us Scores | Extracurricular Activities | Sleep Hours | Sample Question Papers Practiced | Performance Index |
|---|-----------|----------------------------|-------------|----------------------------------|-------------------|
| 0 | 99        | 1                          | 9           | 1                                | 91                |
| 1 | 82        | 0                          | 4           | 2                                | 65                |
| 2 | 51        | 1                          | 7           | 2                                | 45                |
| 3 | 52        | 1                          | 5           | 2                                | 36                |
| 4 | 75        | 0                          | 8           | 5                                | 66                |

The calculated MSLE is: 0.1552 or 15.5161%

The calculated MAPE is: 0.38 or 38.26%