* **Primary School Data :**

|  |  |  |  |
| --- | --- | --- | --- |
| Degree | R2 | MAE | LR |
| 0 | -1.5927478667141897e+32 | 4.26357352358303 | -0.0002459718801119948 |
| 1 | 0.9837580114482045 | 0.6050993924070092 | 0.9841161708356758 |
| 2 | 0.9829808710850605 | 0.6120507751999502 | 0.9833221678662525 |
| 3 | 0.9831200758635735 | 0.618617345235876 | 0.983453289495539 |
| 4 | 0.9830125778774319 | 0.6199016923414133 | 0.9833591844348567 |
| 5 | 0.9834375602701919 | 0.6172844611259809 | 0.9836886062475645 |
| 6 | 0.9810642232763082 | 0.6362992408094708 | 0.9815316185484322 |
| 7 | 0.9724908742624292 | 0.6633301024532614 | 0.9732204222180343 |
| 8 | 0.9290730825901632 | 0.7109310101160042 | 0.9337020770191533 |
| 9 | 0.8617326886652925 | 0.8526043466832527 | 0.7173390234994572 |
| 10 | -0.19378981447433918 | 3.414032803565445 | -18.83545646237805 |

* **Upper Primary School Data :**

|  |  |  |  |
| --- | --- | --- | --- |
| Degree | R2 | MAE | LR |
| 0 | -7.781316365444988e+29 | 6.107352635751086 | -0.00487535086375257 |
| 1 | 0.9339387750580992 | 1.4950819340270072 | 0.9376972322914263 |
| 2 | 0.936012704260039 | 1.4379419571182657 | 0.9398747242918142 |
| 3 | 0.9370904810566976 | .3899299241978027 | 0.940702824805075 |
| 4 | 0.9368891118983846 | 1.371296791876413 | 0.940491322513476 |
| 5 | 0.9368016019629875 | 1.3603039345842163 | 0.940510012500017 |
| 6 | 0.937551967933755 | 1.3551306809911674 | 0.9411038147574973 |
| 7 | 0.9375947034469134 | 1.354880966844024 | 0.9411102907660482 |
| 8 | 0.9355626251560989 | 1.459794075816895 | 0.939037857931482 |
| 9 | 0.8344191720811815 | 2.594187228728223 | 0.8676127302426104 |
| 10 | 0.7450397874054853 | 3.2245123482366465 | 0.8078878245486332 |

* **Secondary Data :**

|  |  |  |  |
| --- | --- | --- | --- |
| Degree | R2 | MAE | LR |
| 0 | -1.3791215638358997e+28 | 9.105316884661114 | -0.005663455171877385 |
| 1 | 0.8979873766512749 | 2.5003022277660767 | 0.9102418249016795 |
| 2 | 0.8995270962735301 | 2.4602746997201885 | 0.9111084518422248 |
| 3 | 0.9006401399453992 | 2.45369432064202 | 0.9116405981850602 |
| 4 | 0.9406238887163658 | 2.455083232586183 | 0.9116669180452319 |
| 5 | 0.9008401180258313 | 2.4531193786007384 | 0.9117730335462877 |
| 6 | 0.9020041223304684 | 2.4414888313093717 | 0.9128859281444037 |
| 7 | 0.9020041223304684 | 2.4414888313093717 | 0.9128859281444037 |
| 8 | 0.9020041223304684 | 2.4414888313093717 | 0.9128859281444037 |
| 9 | 0.9020041223304684 | 2.4414888313093717 | 0.9128859281444037 |
| 0 | 0.9020041223304684 | 2.4414888313093717 | 0.912885928144403 |

* **Final Data :**

|  |  |  |  |
| --- | --- | --- | --- |
| Degree | R2 | MAE | LR |
| 1 | 0.9975564896645664 | 0.2310586705071315 | 0.9975938672878865 |
| 2 | 0.9971764786442313 | 0.2572319535777802 | 0.997219847336828 |
| 3 | 0.9830890819697534 | 0.3658380171455302 | 0.9829857566914183 |
| 4 | 0.602565312452664 | 1.0594694627396166 | 0.3262977296852478 |
| 5 | -0.006798257542059242 | 38.59967311381927 | -2895.4829755459923 |
| 6 | -0.0024847491084402464 | 324928.733379827 | -380895915787.833 |
| 7 | -0.00447635477955403 | 456541.5909300158 | -395524328116.97 |
| 8 | -0.0030567176585836187 | 25215780.62702692 | -3029325460979802 |
| 9 | -0.0032445544876558152 | 23434843.65661277 | -197565196639931.8 |
| 10 | -0.003615397744370622 | 66232758.92331927 - | 2.3462260804880476e+16 |

Optimal One :

R2\_error : 0.9975564896645664

Prediction for the next year is :

array([[ 4.97969538, 15.86916711, 12.21695214]])