x

| X | Y=x | Y=2x | Y=3x | Y=4x | Y=10x |
| --- | --- | --- | --- | --- | --- |
| 1 | 1 | 2 | 3 | 4 |  |
| 2 | 2 | 4 | 6 | 8 |  |
| 3 | 3 | 6 | 9 | 12 |  |
| 4 | 4 | 8 | 12 | 16 |  |
| How much this increasing=1 Unit | 1 unit | 2 units | 3 units | 4units | 10 units |

Linear curves can be interpretable , Non linear curves can’t

Assignment:

How well a regression model fits the dataset

RSE assumes we got our True regression Line,

Even though we got out true regression line( best fit) the actual revenue is deviated 1000 on of average from the regression line

Best line ========= predictions= actual output

Best line ====== Min error we got, it might be zero

Even though we got the best line , the actual revenue deviates on of average 1000rs from the True regression line