

(1)

1	R&D Spend	Administration	Marketing Spend Profit
21	8.0	15.0	30.0 11.0
37	4.0	5.0	20.0 9.0
2	15.0	10.0	41.0 19.0
14	12.0	16.0	26.0 13.0
44	2.0	15.0	3.0 7.0

## 2. Removing the target column

	R&D Spend	Administration	Marketing Spend
21	8.0	15.0	30.0
37	4.0	5.0	20.0
2	15.0	10.0	41.0
14	12.0	16.0	26.0
44	2.0	15.0	3.0









## 2. Removing the target column

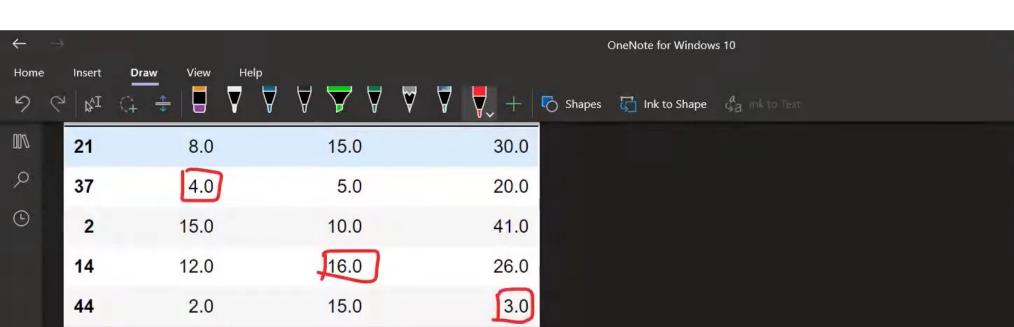
(1)

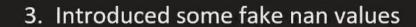
	R&D Spend	Administration	Marketing Spend
21	8.0	15.0	30.0
37	4.0	5.0	20.0
2	15.0	10.0	41.0
14	12.0	16.0	26.0
44	2.0	15.0	3.0

## 3. Introduced some fake nan values

	R&D Spend	Administration	Marketing Spend
21	8.0	15.0	30.0
37	NaN	5.0	20.0
2	15.0	10.0	41.0
14	12.0	NaN	26.0



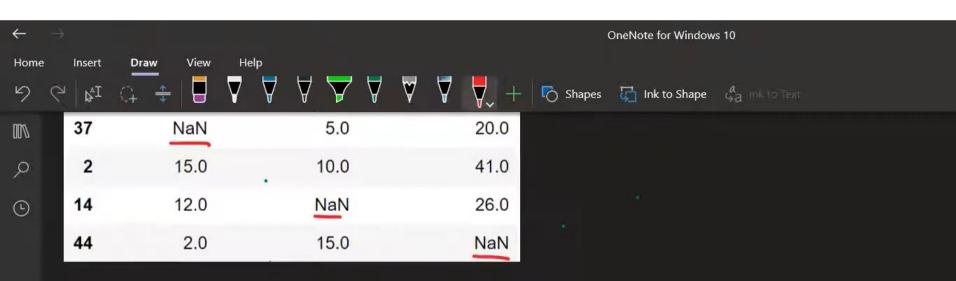




	R&D Spend	Administration	Marketing Spend
21	8.0	15.0	30.0
37	NaN	5.0	20.0
2	15.0	10.0	41.0
14	12.0	NaN	26.0
44	2.0	15.0	NaN







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Step 1 - Fill all the NaN values with mean of respective cols

	R&D Spend	Administration	Marketing Spend
21	8.00	( 15.00	(30.00
37	9.25	5.00	20.00
2	15.00	10.00	41.00
14	12.00	11.25	26.00
44	2.00	15.00	29.25



Step 2 - Remove all col1 missing values

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R&D Spend Administration Marketing Spend 15.00 8.0 30.00 21 NaN 5.00 20.00 37 10.00 41.00 15.0 11.25 26.00 14 12.0 29.25 44 2.0 15.00

11	Administration	Marketin	g Spend
21	15.00	_	30.00
2	10.00	_	41.00
14	11.25	_	26.00
44	15.00	_	29.25

Step 3 - Predict the missing values of col1 using other cols

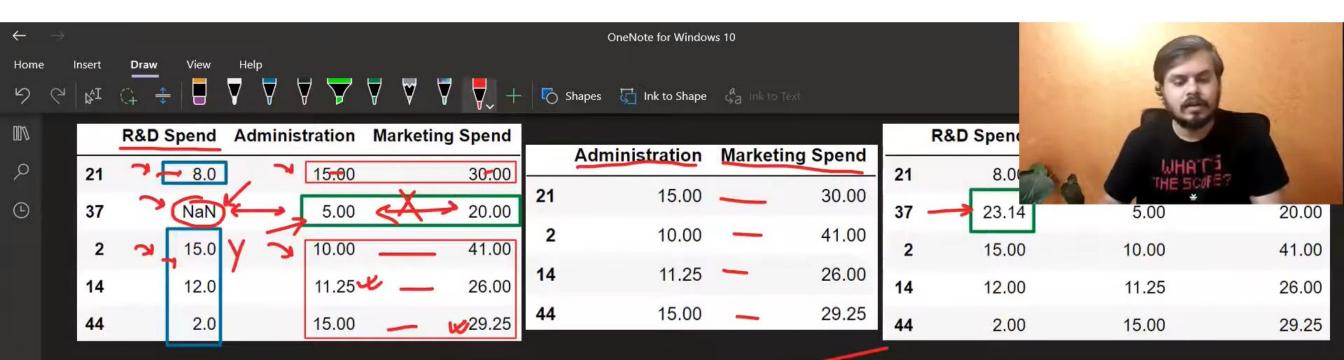
	R&D Spend	Administration	Marketing Spend
21	8.00	15.00	30.00
37	23.14	5.00	20.00
2	15.00	10.00	41.00
14	12.00	11.25	26.00
44	2.00	15.00	29.25

Step 4 - Remove all col2 missing values

	R&D Spend Administration		Marketing Spend			R&D Spend	Marketing Spend	
21	8.00	15.0	•	30.00	21	8.00	30.00	
27	22 14	5.0		20.00				

Step 5 - Predict the missing values of col2 using other cols

	R&D Spend	Administration	Marketing Spend
21	8.00	15.00	30.00
~-	00.44	F 00	00.00



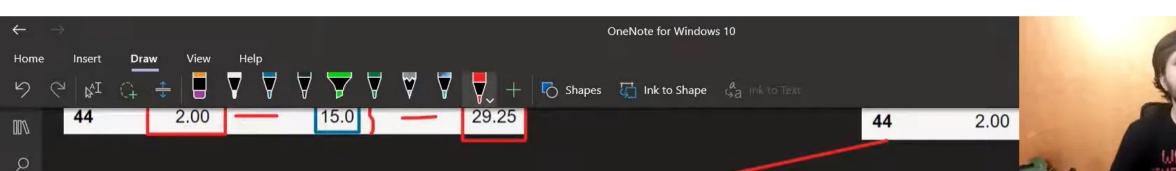
Step 4 - Remove all col2 missing values

R&D Spend Administration Marketing Spend **R&D Spend Marketing Spend** 21 8.00 30.00 15.0 21 8.00 30.00 37 23.14 5.0 20.00 37 23.14 20.00 2 15.00 10.0 41.00 2 15.00 41.00 14 12.00 NaN 26.00 44 2.00 29.25 15.0 2.00 29.25 44

Step 5 - Predict the missing values of col2 using other cols

	R&D Spend	Administration	Marketing Spend
21	8.00	15.00	30.00
37	23.14	5.00	20.00
2	15.00	10.00	41.00
14	12.00	<b>11.06</b>	26.00
44	2.00	15.00	29.25







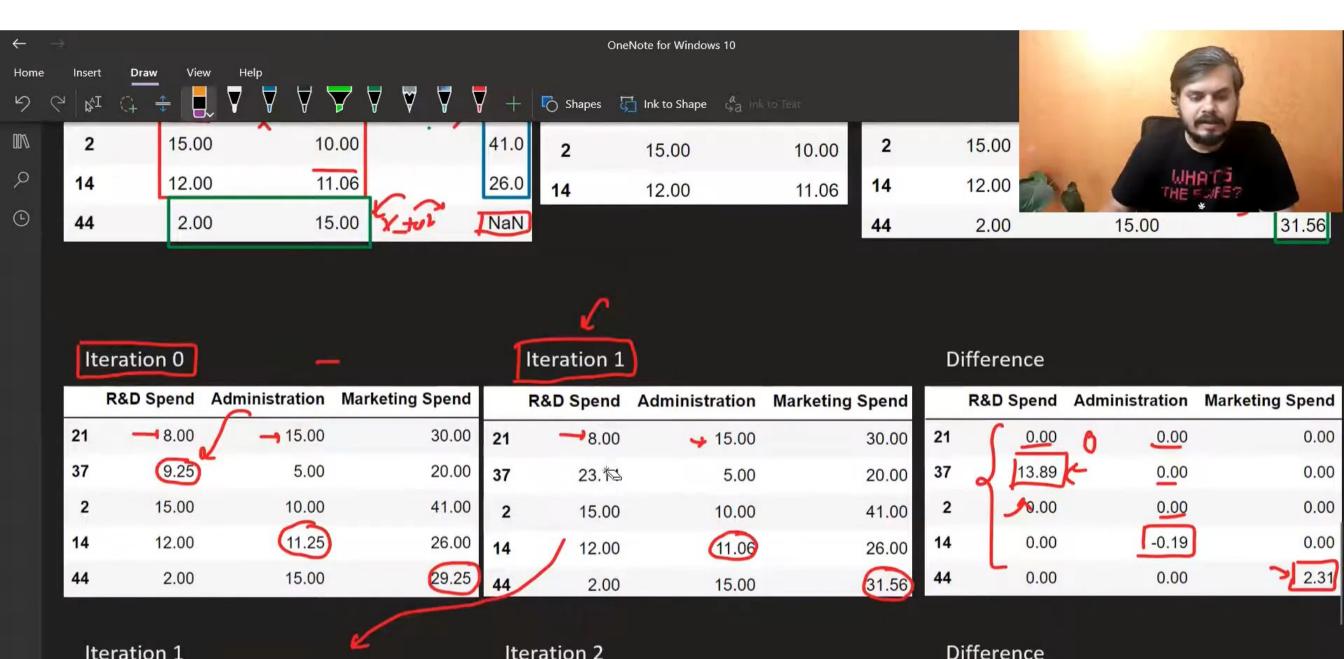
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	R&D Spend		Administration		Marketing Spend			R
21	٦	8.00		15.00		30.0	21	
37		23.14	¥	5.00	.y	20.0	37	
2		15.00	^	10.00		41.0	2	
14		12.00		11.06		26.0	14	
44		2.00		15.00	T TUE Y	NaN		

	R&D Spend	Administration
21	8.00	15.00
37	23.14	5.00
2	15.00	10.00
14	12.00	11.06

	R&D Spend	Administration	Marketing Spend
21	8.00	15.00	30.00
37	23.14	5+0g 5.00	20.00
2	15.00	10.00	41.00
14	12.00	11.06	26.00
44	2.00	15.00	31.56

lt	teration 0			Iteration 1				D			
	R&D Spend	Administration	Marketing Spend		R&D Spend	Administration	Marketing Spend		R&D Spend	Administration	Marketing Spend
21	8.00	15.00	30.00	21	8.00	15.00	30.00	21	0.00	0.00	0.00
37	9.25	5.00	20.00	37	23.14	5.00	20.00	37	13.89	0.00	0.00
2	15.00	10.00	41.00	2	15.00	10.00	41.00	2	0.00	0.00	0.00



	.crution I				iteration 2				Billerence				
	R&D Spend	Administration	Marketing Spend		R&D Spend	Administration	Marketing Spend		R&D Spend	Administration	Marketing Spend		
21	8.00	15.00	30.00	21	8.00	15.00	30.00	21	0.00	0.00	0.0		
37	23.14	5.00	20.00	37	23.78	5.00	20.00	37	0.64	0.00	0.0		

