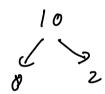


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80: 20

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Min - max scall:

$$\frac{x_i - min}{max - min}$$

$$\frac{min - min}{max - min} = 0$$

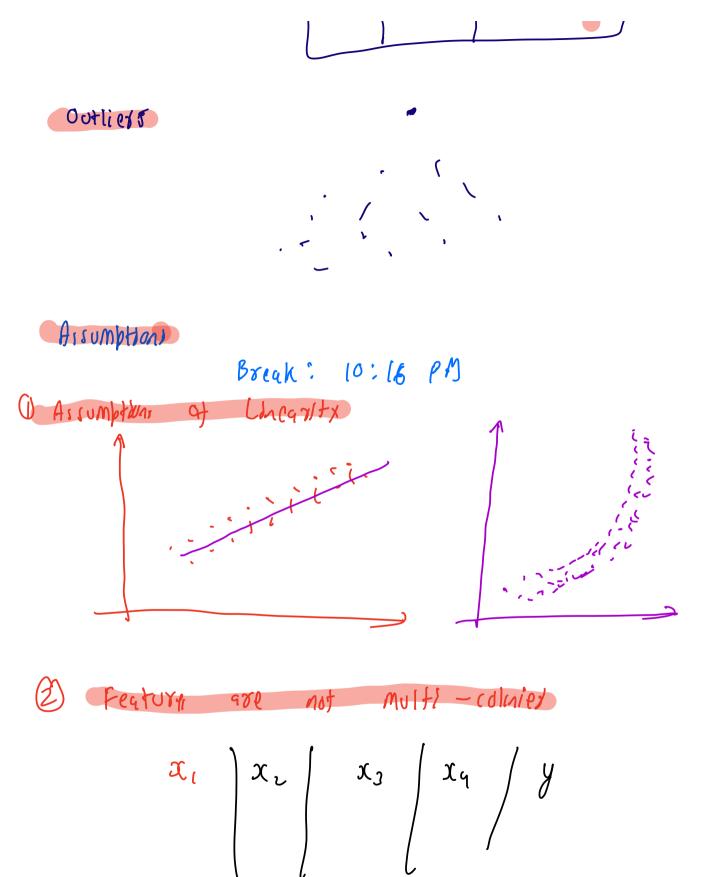
$$\frac{max - min}{max - min} = 1$$

$$\frac{max - min}{max - min} = 1$$

Age		
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30	0.67	
20	0.6	35-20
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26	σ	1	0
20	0	0	



$$y = f(x)$$

$$x_2 = w_1 x_3 + w_2 x_4$$

$$VIF \quad (variance Inflation factor)$$

$$x_1, x_2, x_3, x_4$$

$$x_1, x_2, x_3, x_4$$

$$x_1, x_2, x_3, x_4$$

$$x_1, x_2, x_3, x_4$$

$$x_1 = w_1 x_2 + w_2 x_3$$

$$x_2 = w_1 x_2 + w_2 x_4$$

$$x_1, x_2, x_4$$

$$x_1, x_2, x_4$$

$$x_1 = x_1 + x_2 + x_3$$

$$x_2 = x_1 + x_2 + x_3$$

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$$x_3 = x_1 + x_2 + x_3$$

$$x_4 = x_1 + x_2 + x_3$$

$$x_1 = x_2 + x_3 + x_4$$

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$$x_3 = x_4 + x_4$$

$$x_1 = x_1 + x_2 + x_3$$

$$x_2 = x_1 + x_2 + x_3$$

$$x_3 = x_1 + x_2 + x_3$$

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$$x_3 = x_1 + x_2 + x_3$$

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$$x_1 = x_1 + x_2 + x_3$$

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$$x_3 = x_1 + x_2 + x_3$$

$$x_4 = x_1 + x_2 + x_3$$

$$x_1 = x_2 + x_3$$

$$x_2 = x_3 + x_4$$

$$x_3 = x_4 + x_4$$

$$x_1 = x_1 + x_2 + x_3$$

$$x_2 = x_3 + x_4$$

$$x_3 = x_4 + x_4$$

$$x_4 = x_4 + x_4$$

$$x_1 = x_4 + x_4$$

$$x_1 = x_4 + x_4$$

$$x_2 = x_4 + x_4$$

$$x_3 = x_4 + x_4$$

$$x_4 = x_4 + x_4$$

$$x_1 = x_4 + x_4$$

$$x_2 = x_4 + x_4$$

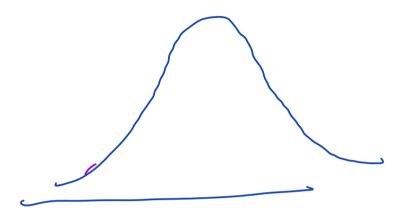
$$x_3 = x_4 + x_4$$

$$x_4 = x_4 + x_4$$

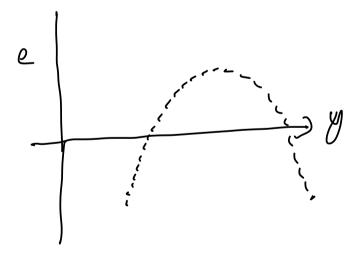
> variance_ inflation - factor (x)

3 Errors are normaly distribitute

ej



(9) Error terms must be independent





Humorce desiteity: Exxx terms have constant variance

A construction of the cons

OLS models