Missing Values

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Missing Values

What is a missing value?

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Missing Values

gender	dependents	occupation	city	customer_nw_category	branch_code	current_balance
Male	0.0	self_employed	187.0	2	755	1458.71
Male	0.0	self_employed	NaN	2	3214	5390.37
Male	0.0	salaried	146.0	2	41	3913.16
NaN	NaN	self_employed	1020.0	2	582	2291.91
Male	2.0	self_employed	1494.0	3	388	927.72

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Reasons for Missing Values

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Reasons for Missing Values

- Human Error

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Reasons for Missing Values

- Human Error
- Extraction Error

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Reasons for Missing Values

- Human Error
- Extraction Error
- Customer’s Privacy

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Reasons for Missing Values

- Human Error
- Extraction Error
- Customer’s Privacy
- Other Factors

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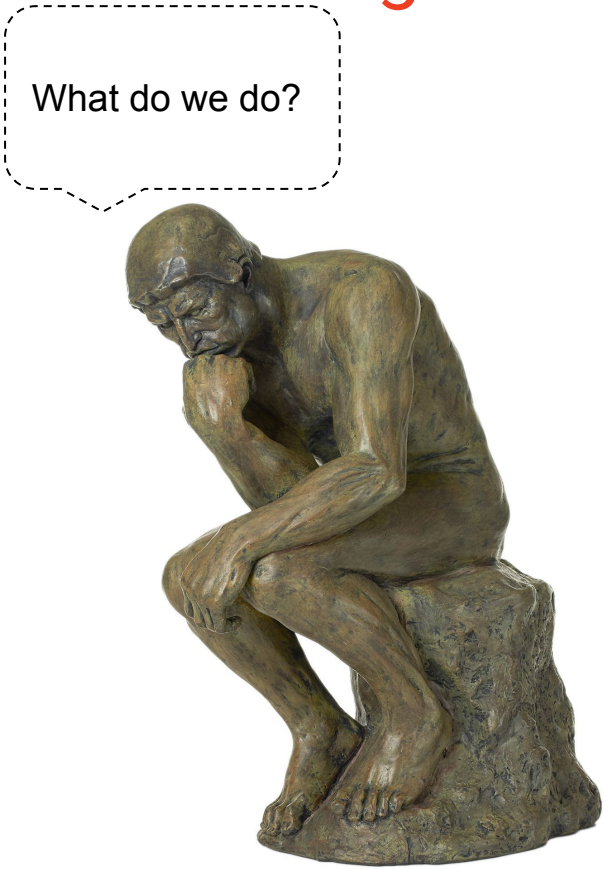
Missing Values



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Missing Values

Removing Data point with missing values

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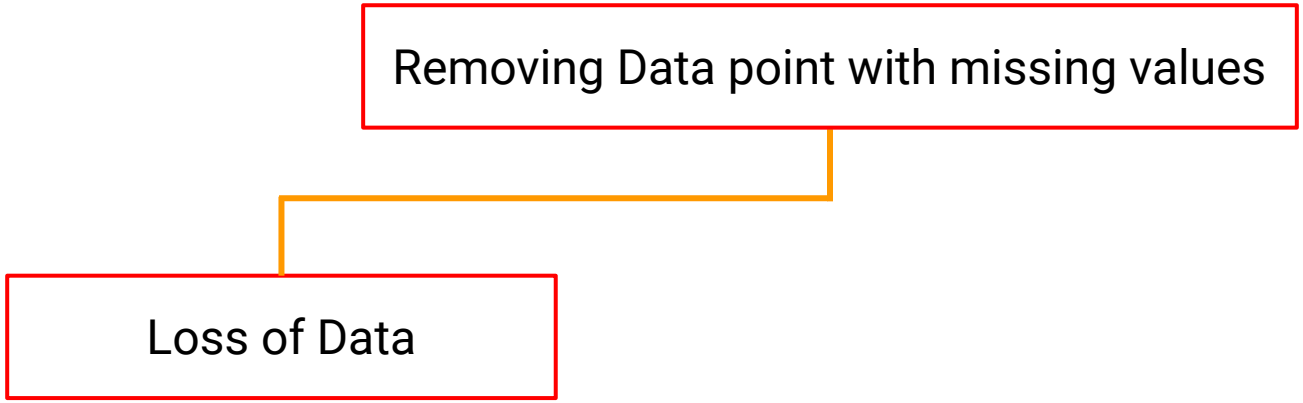
Missing Values



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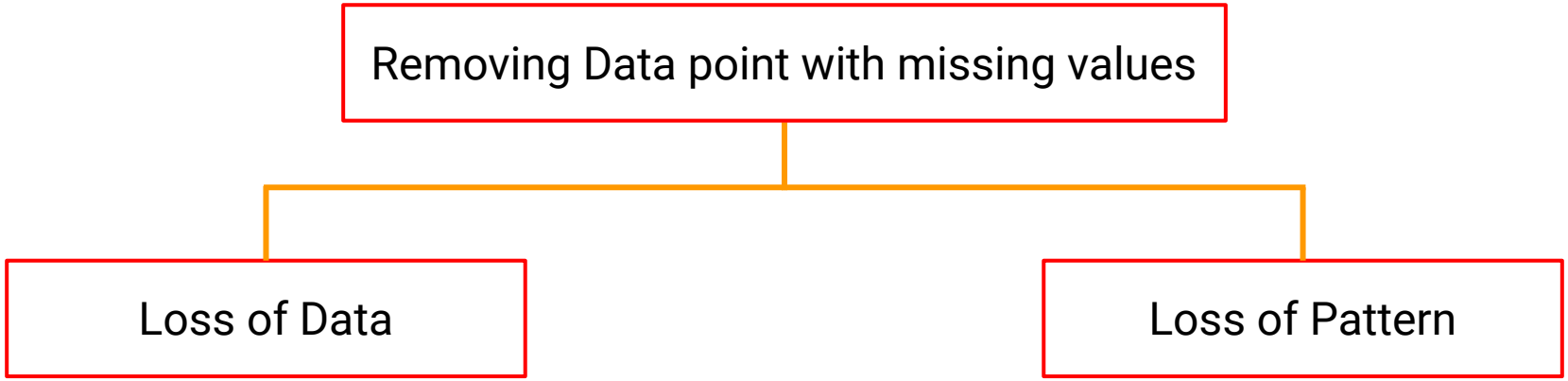
Missing Values



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Missing Values

0	Male
1	Male
2	Male
3	NaN
4	Male
5	Female

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Missing Values

Replacing Missing Values

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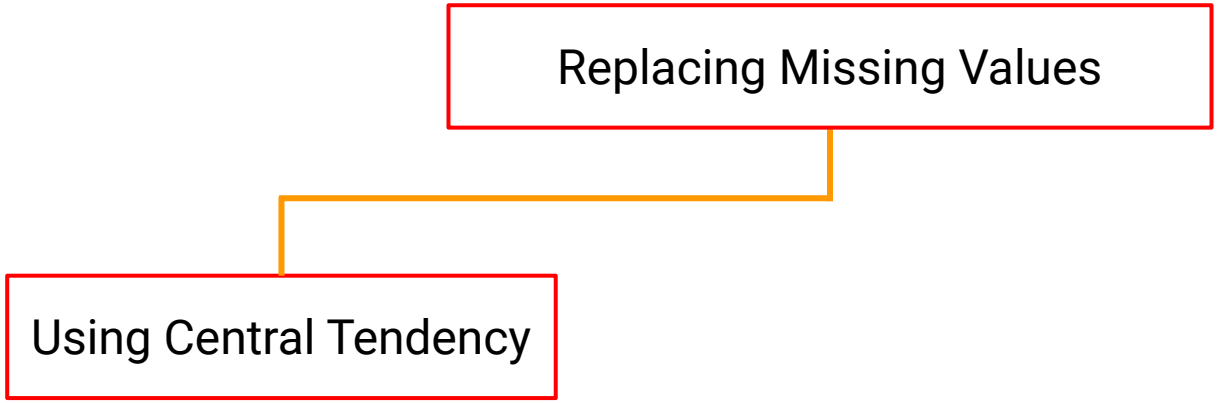
Missing Values



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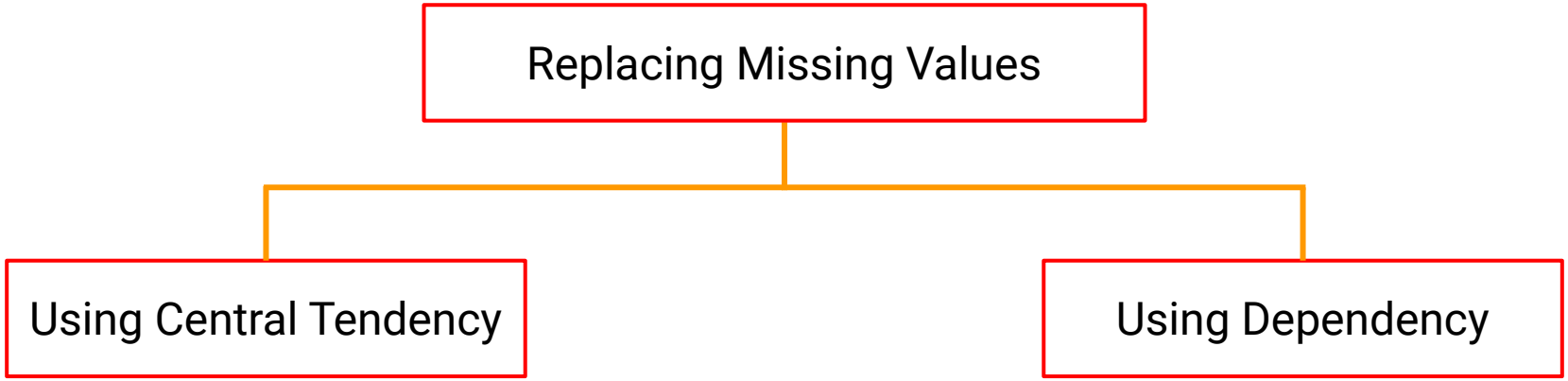
Missing Values



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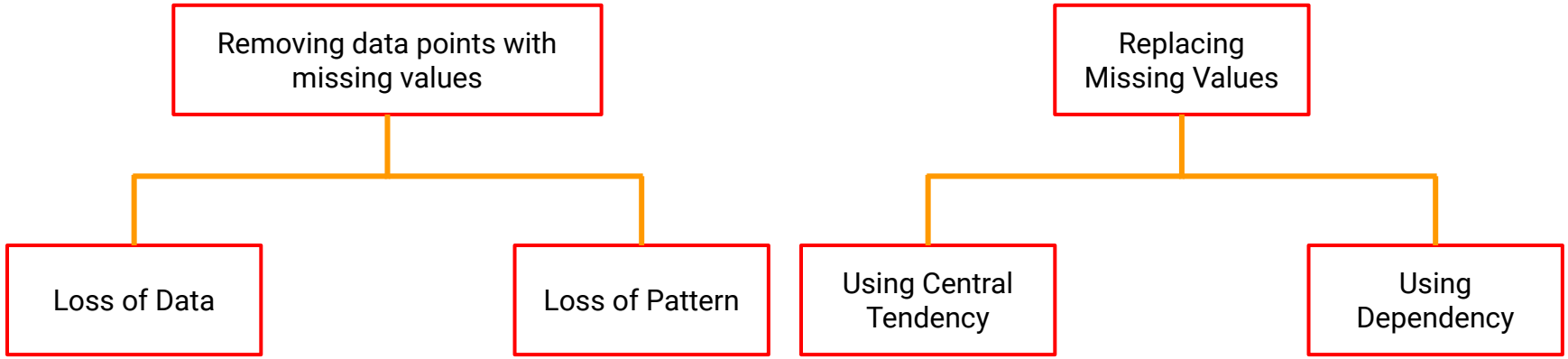
Missing Values



Analytics Vidhya
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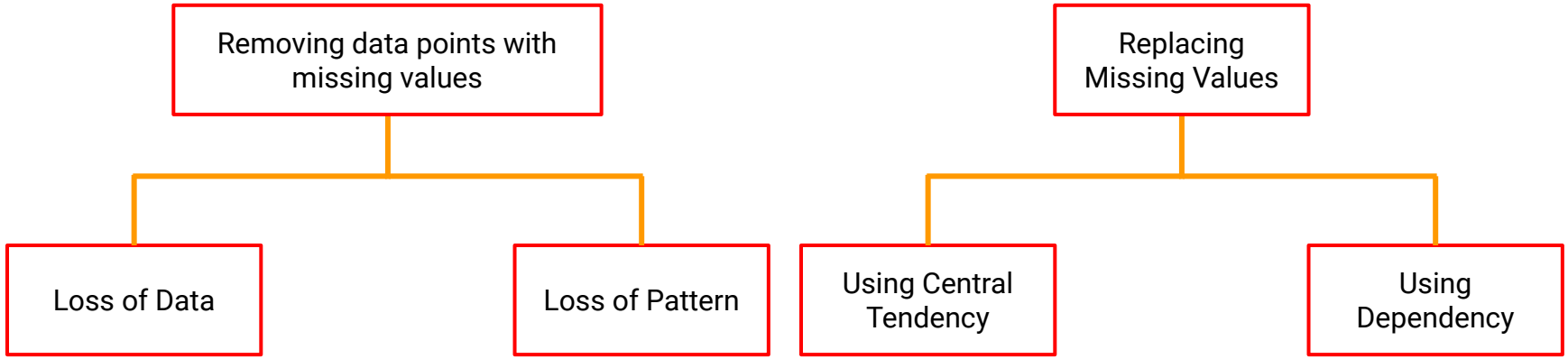
Missing Values



Imputing missing values will alter EDA insights.

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Thank You