Machine Learning Pipelines

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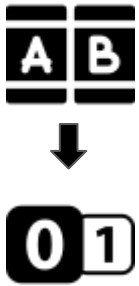
Machine Learning Pipelines

Read the Dataset → Missing Value Treatment → Dropping Columns that are not required → Encode Categorical Variable → Feature Creation → Model Building



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Missing Value Treatment → Dropping Columns that are not required → Encode Categorical Variable → Feature Creation → Model Building

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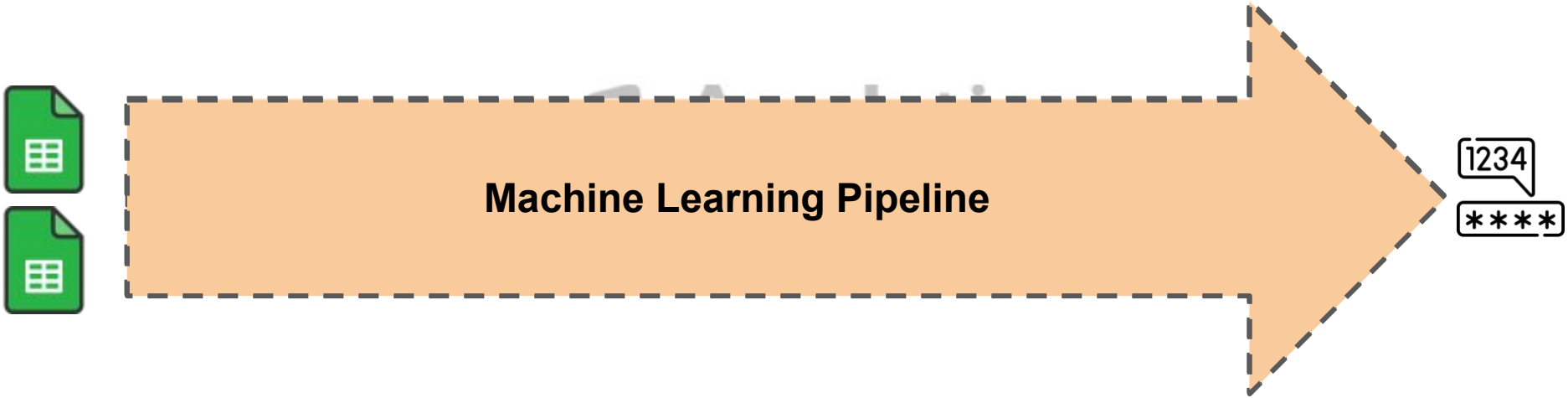

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Components of Pipelines

- Transformers
- Estimators

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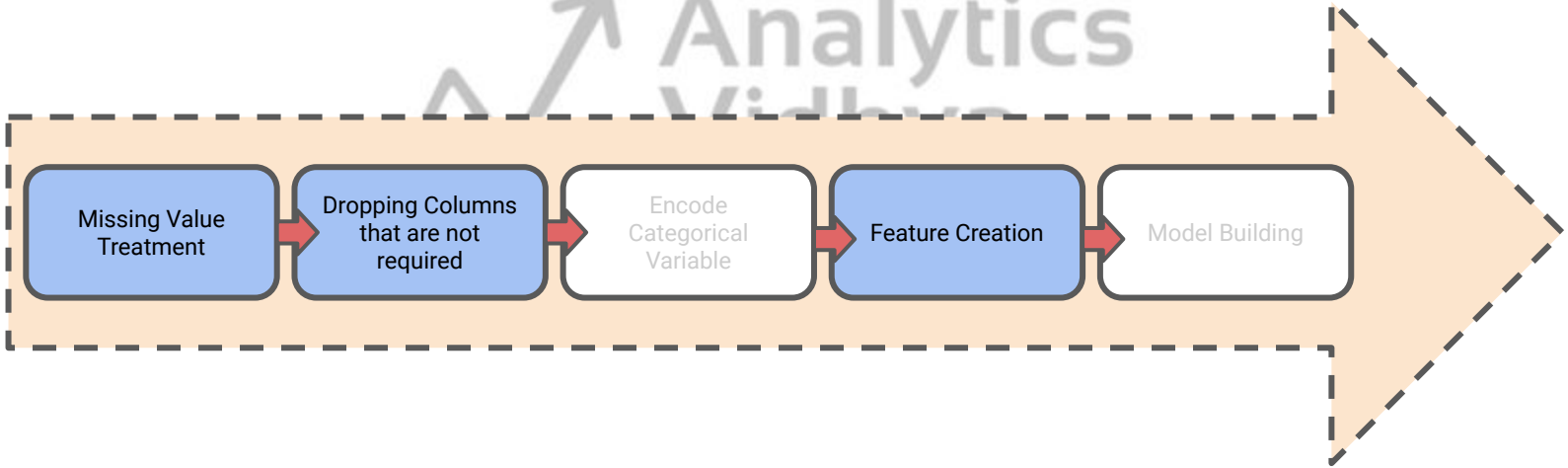
Transformers

- It converts one dataframe into another.
- Each transformer has a ***transform*** function.



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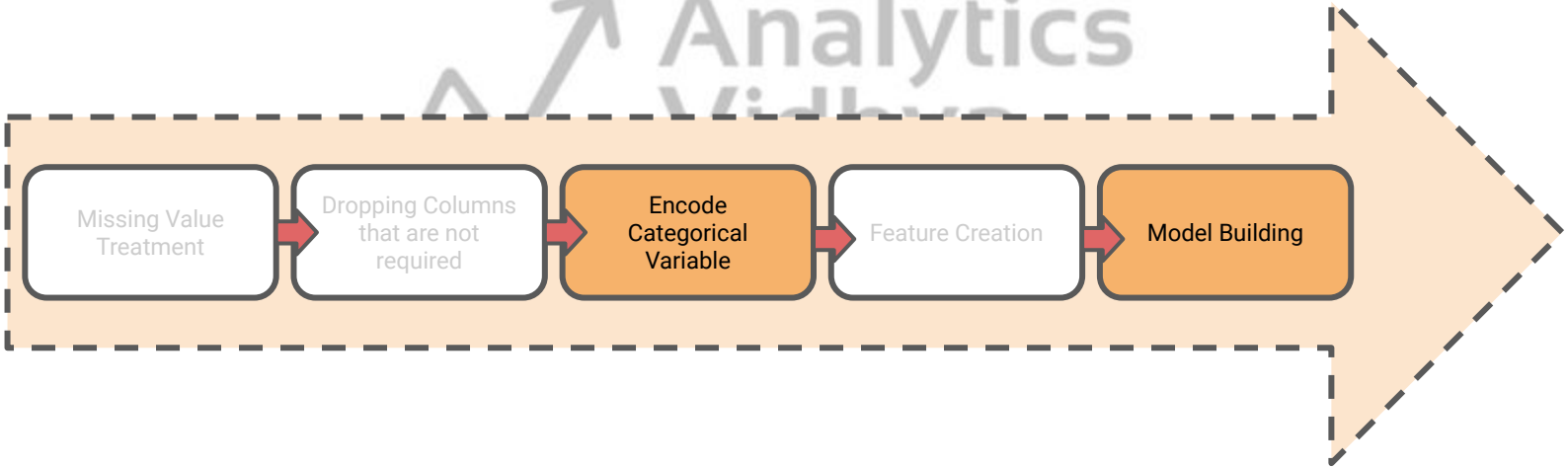
Estimators

- It predicts a new value using some input data.
- Each estimator has a ***fit*** function.



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Practical

- How to define Transformers & Estimators?
- How to define a Pipeline?
- How to define Custom Transformer?
- We will create a ML Pipeline for the click prediction problem.

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