

# Understanding the Machine Learning Workflow

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# Machine Learning Workflow

An orchestrated and repeatable pattern which systematically transforms and processes information to create prediction solutions.



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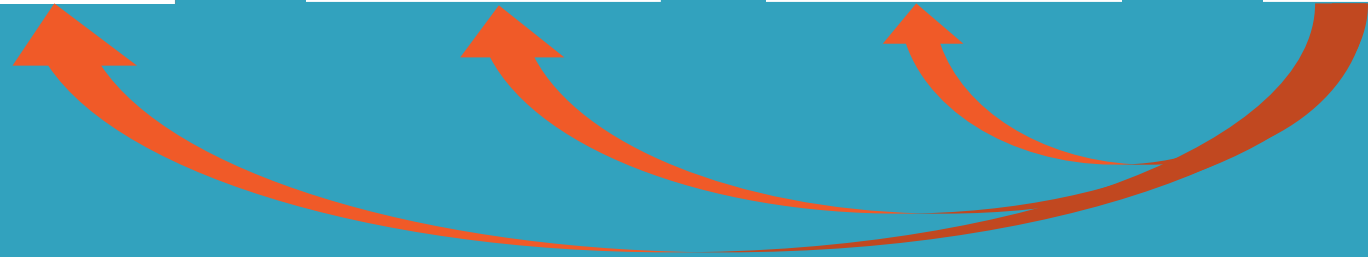
Asking  
the right  
question

Preparing  
data

Selecting  
the  
algorithm

Training  
the  
model

Testing  
the  
model



# Machine Learning Workflow Guidelines

**Early steps are most important**

Each step depends on previous steps

**Expect to go backwards**

Later knowledge effects previous steps

**Data is never as you need it**

Data will have to be altered

**More data is better**

More Data => Better Results

**Think before acting**

Understand results before changing data or model

**Don't pursue a bad solution**

Reevaluate, fix or quit

