What is Automated Machine Learning?

Automated Machine Learning

- What is Automated Machine Learning
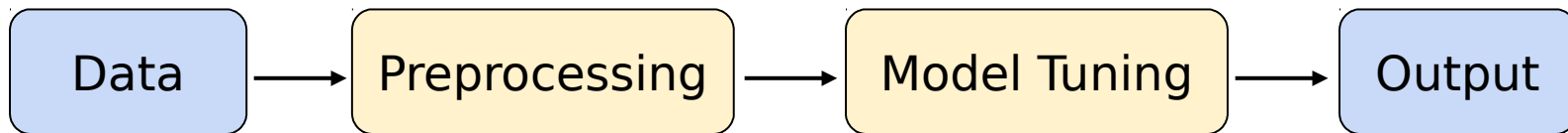
Automated Machine Learning

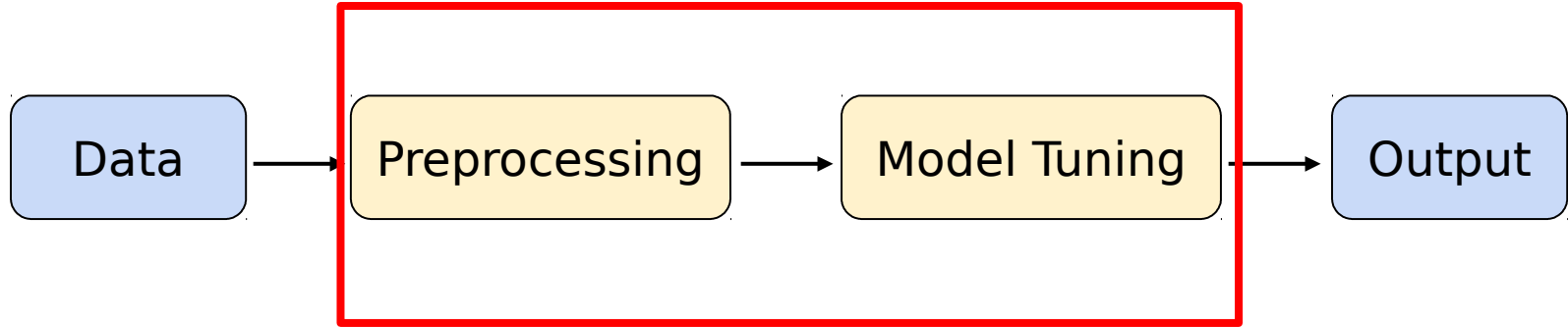● What is Automated Machine Learning

● Pros and Cons of Automated ML

Analytics Vidhya
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Automated Machine Learning

- What is Automated Machine Learning

- Pros and Cons of Automated ML

- Build a Model

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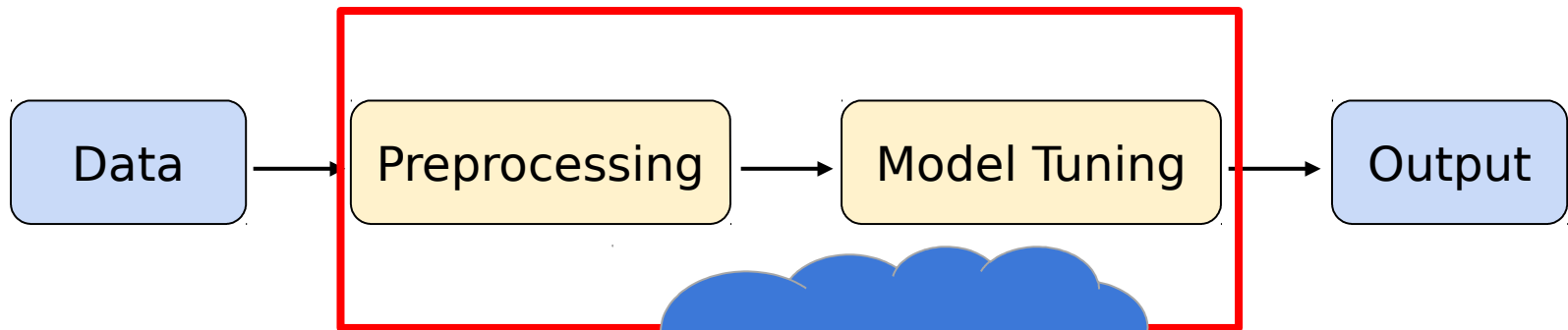Learn everything about analytics

Machine Learning Process

```
┌──────────┐      ┌──────────────┐      ┌──────────────┐      ┌──────────┐
│   Data   │ ───► │ Preprocessing│ ───► │ Model Tuning │ ───► │  Output  │
└──────────┘      └──────────────┘      └──────────────┘      └──────────┘
```

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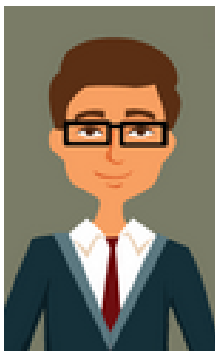
Machine Learning Process

What is Automated Machine Learning?

Process of automating the iterative tasks of Machine

Learning

Pros of Automated Machine Learning

Pros of Automated Machine Learning

- Build production-ready ML models with ease

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- Build production-ready ML models with ease
- Implement ML solutions without extensive programming knowledge

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Pros of Automated Machine Learning

- Build production-ready ML models with ease
- Implement ML solutions without extensive programming knowledge

- Saves time and resources

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Cons of Automated Machine Learning

- Can work only with structured data

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Cons of Automated Machine Learning

- Can work only with structured data

- Can't handle image or text data

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Cons of Automated Machine Learning

- Can work only with structured data

- Can't handle image or text data

- Not all the processes can be automated

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Tools Automated Machine Learning

- MLBox

- Auto-sklearn

- H2O AutoML

Tools Automated Machine Learning

● MLBox

● Auto-sklearn

● H2O AutoML