Introduction DSML

Why

1

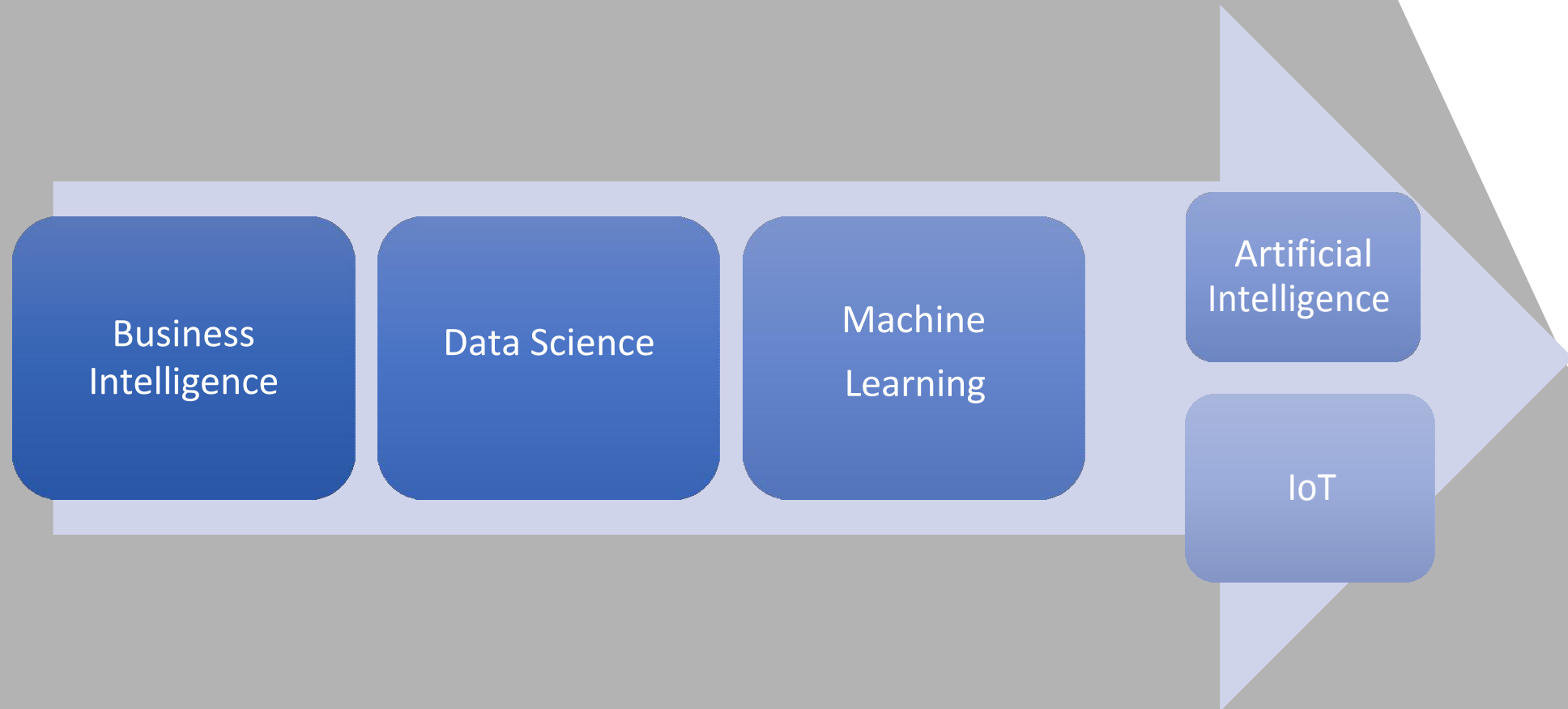$47B is the estimated market value for machine learning by 2020.

2

55% of companies will adopt machine learning within the next two years.

3

94% of companies believe machine learning is key to competitive advantage.

- *(Source : IDC)*

What

How

Learn Basics – Stats, Machine Learning, Deep Learning

Application and Development

Hands On

- Languages
  - Python
  - R
  - GO
  - Julia
  - Scala
- Enterprise tools
  - Tableau – Data Visualization
  - SAP - Leonardo
  - SAS – Enterprise Miner/Guide
  - Big Data

Stages

Data Collection → Data Cleaning → Data Exploration → Data Modeling → Model Validation → Productionalization